Winnebago Reclamation Service

8403 Lindenwood Road • Rockford, IL 61109 • Tel: (815) 874-4806 • Fax: (815) 874-4630

EPA Region 5 Records Ctr.

301307

January 14, 2005

Bernard Schorle
United States Environmental Protection Agency
Region 5 – E.P.A.
77 West Jackson Boulevard
Chicago, Illinois 60604

RE: Winnebago Reclamation Service

2018080001 - Winnebago County

Permit No. 1991-138-LF

Pagel Landfill - Northern Unit

October 2004 – 4th Quarter Groundwater Monitoring

Dear Mr. Schorle:

Enclosed are copies of the analytical results and chain of custody for groundwater samples collected October 2004. Sample appearance information and field data are provided on the enclosed field data sheet. In addition, I will e-mail you the excel spreadsheet containing the data for the North Unit.

Please feel free to call Tom Hilbert at 815-381-5646, or myself at 815-381-5649, if you have any questions.

Sincerely,

Evan Buskohl Waste Group



P.O. Box 9071 • Peoria, IL 61612-9071 (309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689



Report Cover Page

Waste Group

5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Attn: Mr. Evan Buskohl Login No. 04102356

Copy: Ms. Kim Van Pelt, c/o Andrews, 3535 Mayflower Blvd, Springfield, IL, 62711-9405

This report includes information regarding the following described samples as received by the laboratory and is only valid for the parameters tested. This report contains 26 results page(s) not including the cover page(s).

| Sample No. | Client ID | Site | Locator |
|-------------|-------------|------|-----------|
| 04102356-1 | PAGEL/NORTH | R03S | PAGEL PIT |
| 04102356-2 | PAGEL/NORTH | G03M | PAGEL PIT |
| 04102356-3 | PAGEL/NORTH | G09M | PAGEL PIT |
| 04102356-4 | PAGEL/NORTH | G09D | PAGEL PIT |
| 04102356-7 | PAGEL/NORTH | G16M | PAGEL PIT |
| 04102356-8 | PAGEL/NORTH | G16D | PAGEL PIT |
| 04102356-9 | PAGEL/NORTH | G17S | PAGEL PIT |
| 04102356-10 | PAGEL/NORTH | G18S | PAGEL PIT |
| 04102356-11 | PAGEL/NORTH | G18D | PAGEL PIT |
| 04102356-12 | PAGEL/NORTH | G33S | PAGEL PIT |
| 04102356-13 | PAGEL/NORTH | G33D | PAGEL PIT |
| 04102356-14 | PAGEL/NORTH | G34S | PAGEL PIT |
| 04102356-15 | PAGEL/NORTH | G34D | PAGEL PIT |
| 04102356-16 | PAGEL/NORTH | G35S | PAGEL PIT |
| | | | |



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Report Cover Page

Waste Group

5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW

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| Sample No. | Client ID | Site | Locator |
|-------------|---------------------------------------|---------------|-----------|
| Sempte no. | Carent an | STEE | noca cot |
| 04102356-17 | PAGEL/NORTH | G35D | PAGEL PIT |
| | | | |
| 04102356-18 | PAGEL/NORTH | G37S | PAGEL PIT |
| 04102356-19 | PAGEL/NORTH | G37D | PAGEL PIT |
| 04102330 17 | I AGBB/ WORLT | 03 / 2 | 11000 111 |
| 04102356-20 | PAGEL/NORTH | G395 | PAGEL PIT |
| | | 0.440 | |
| 04102356-21 | PAGEL/NORTH | G40S | PAGEL PIT |
| 04102356-22 | PAGEL/NORTH | G41S | PAGEL PIT |
| | • | | |
| 04102356-23 | PAGEL/NORTH | G41M | PAGEL PIT |
| 04102356-24 | PAGEL/NORTH | G41D | PAGEL PIT |
| 04102330-24 | PAGEL/NORTH | G41D | FAGED FIT |
| 04102356-25 | PAGEL/NORTH | G119 | PAGEL PIT |
| | | | |
| 04102356-26 | PAGEL/NORTH | SG1 | PAGEL PIT |
| 04102356-27 | PAGEL/NORTH | SG3 | PAGEL PIT |
| | · · · · · · · · · · · · · · · · · · · | | |
| 04102356-28 | PAGEL/NORTH | SG4 | PAGEL PIT |
| | | | |

Certified by: Denthy W. Kithert

Dorothy W. Rothert, Project Manager

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State of Illinois Certification for Bacteriological Analysis in Drinking Water -Lab Registry No. 17533

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Laboratory Results

Waste Group

5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 04102356

Sample No:

04102356-1

Client ID:

PAGEL/NORTH

Site: R03S Locator: PAGEL PIT

Collect Date:

12-OCT-04 10:57

| Parameter | | Result | Units | Date | | ву |
|--|------------------|---|-------|------------|----------|-------|
| EPA METHOD 300.0 rev 2.1 | | | | | | |
| Chloride, Dissolved | | 64. | mg/l | 13-Oct-04 | 10:57 | pli |
| SM METHOD 4500 CN C,E / SW-84 | 6 METHOD 9012 | | | | | _ |
| Cyanide, Total | < | 0.0050 | mg/l | 14-Oct-04 | 09:57 | lgjfa |
| SM METHOD 4500 NH3 D / EPA ME | | nate) | | | | |
| Nitrogen, Ammonia as N, | Diss. | 25. | mg/1 | 22-Oct-04 | 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | | | | |
| Nitrate as N, Diss. | | 0.035 | mg/l | 13-Oct-04 | 10:41 | pli |
| SM METHOD 5530 B,D / SW-846 M | ETHOD 9066 / EP. | *************************************** | ··· | | | |
| Phenolics | < | 0.0050 | mg/l | 20-Oct-04 | 08:43 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | ~- | /3 | | | |
| Sulfate, Dissolved | | 27. | mg/l | 13-Oct-04 | 10:57 | pli |
| SM METHOD 2540 C | m: 1 + | F10 | | 15 0.1 0.1 | . | *** |
| Solids, Total Dissolved, SW-846 METHOD 6010B | Filtered | 510 | mg/l | 15-Oct-04 | 10:04 | KD |
| Boron, Dissolved | | 140 | /3 | 15 O-F 04 | 10 00 | BB'C |
| · · | | | ug/l | 15-Oct-04 | | ERS |
| Iron, Dissolved SW-846 METHOD 6020 | | 6800 | ug/l | 15-Oct-04 | 10:00 | ERS |
| Arsenic, Dissolved | | 13. | /1 | 10 0 | 14 00 | TD |
| · · · · · · · · · · · · · · · · · · · | | - | ug/1 | 18-Oct-04 | - | KJP |
| Cadmium, Dissolved | < | 1.0 | ug/l | 18-Oct-04 | | KJP |
| Manganese, Dissolved | | 130 | ug/1 | 18-Oct-04 | | KJP |
| Lead, Dissolved | < | 1.0 | ug/l | 18-Oct-04 | ··• | KJP |
| Zinc, Dissolved | < | 6.0 | ug/l | 18-Oct-04 | 14:00 | KJP |



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Laboratory Results

Waste Group

5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 04102356

Attn: Mr. Evan Buskohl

Sample No: Client ID: 04102356-2

PAGEL/NORTH

Site:

G03M

Locator:

PAGEL PIT

Collect Date:

12-OCT-04 11:15

| Parameter | | Result | Units | Date | Ву |
|---|------------------|---|----------------|--------------|-----------|
| | | | | | |
| EPA METHOD 300.0 rev 2.1 Chloride, Dissolved | | 43. | mg/l | 13-Oct-04 11 | :27 pli |
| SM METHOD 4500 CN C,E / SW-84 | 6 METHOD 9012 | 45. | 1119/1 | 13-000-04 11 | .27 pm |
| Cyanide, Total | < | 0.0050 | mg/l | 14-Oct-04 09 | :58 lgjfa |
| SM METHOD 4500 NH3 D / EPA ME | | | 5/ | | |
| Nitrogen, Ammonia as N, | | 2.4 | mg/1 | 22-Oct-04 11 | :07 JLC |
| EPA METHOD 300.0 rev 2.1 | | | _ | | |
| Nitrate as N, Diss. | | 8.8 | mg/l | 13-Oct-04 11 | :27 pli |
| SM METHOD 5530 B,D / SW-846 M | METHOD 9066 / EI | waawaa marka marka ay | AND DOOR AND A | | |
| Phenolics | < | 0.0050 | mg/1 | 20-Oct-04 08 | :44 lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | | / 7 | | |
| Sulfate, Dissolved | | 27. | mg/1 | 13-Oct-04 11 | :27 pli |
| SM METHOD 2540 C Solids, Total Dissolved, | Filtored | 470 | mg/l | 15-Oct-04 10 | :05 KD |
| SW-846 METHOD 6010B | riiterea | 470 | mg/ 1 | 13-000-04 10 | :03 KD |
| Boron, Dissolved | | 52. | ug/l | 15-Oct-04 10 | :00 ERS |
| Iron, Dissolved | < | 10. | ug/1 | 15-Oct-04 10 | |
| SW-846 METHOD 6020 | | | J. | | |
| Arsenic, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14 | :00 KJP |
| Cadmium, Dissolved | < | 1.0 | ug/1 | 18-Oct-04 14 | :00 KJP |
| Manganese, Dissolved | | 440 | ug/l | 18-Oct-04 14 | |
| Lead, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14 | |
| Zinc, Dissolved | < | 6.0 | ug/l | 18-Oct-04 14 | :00 KJP |



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Laboratory Results

Waste Group 5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW PDC Cust. # : 209324

Login No. 04102356

Sample No: 04102356-3

Client ID: PAGEL/NORTH

Site: G09M

Locator: PAGEL PIT

Collect Date: 12-OCT-04 09:45

| Parameter | | Result | Units | Date | Ву |
|--|--------|--------|------------------|-----------------|-------|
| EPA METHOD 300.0 rev 2.1 | | | | | |
| Chloride, Dissolved | | 250 | mg/l | 22-Oct-04 12:11 | pli |
| SM METHOD 4500 CN C,E / SW-846 METHOD | 9012 | | _ | | _ |
| Cyanide, Total | < | 0.0050 | mg/1 | 14-Oct-04 09:59 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350 | L (Pne | | /3 | | *** |
| Nitrogen, Ammonia as N, Diss. | | 5.2 | mg/l | 22-Oct-04 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss. | | 0.051 | mg/l | 13-Oct-04 11:43 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 | 5 / EI | | | 13 000 04 11.43 | PTT |
| Phenolics | < | 0.0050 | mg/l | 26-Oct-04 09:39 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | | | | |
| Sulfate, Dissolved | < | 1.0 | mg/1 | 13-Oct-04 11:43 | pli |
| SM METHOD 2540 C | | | /3 | | |
| Solids, Total Dissolved, Filtered | | 1200 | mg/l | 15-Oct-04 10:05 | KD |
| SW-846 METHOD 6010B Boron, Dissolved | | 21. | ug/l | 15-Oct-04 10:00 | ERS |
| Iron, Dissolved | | 5200 | ug/l | 15-Oct-04 10:00 | ERS |
| SW-846 METHOD 6020 | | 3200 | ~3/ - | 23 333 31 23133 | 2110 |
| Arsenic, Dissolved | | 1.8 | ug/l | 18-Oct-04 14:00 | KJP |
| Cadmium, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Manganese, Dissolved | | 22. | ug/l | 18~Oct-04 14:00 | KJP |
| Lead, Dissolved | | 1.1 | ug/l | 18-Oct-04 14:00 | KJP |
| Zinc, Dissolved | | 11000 | ug/l | 18-Oct-04 14:00 | KJP |



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Laboratory Results

Waste Group

5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 04102356

Sample No:

04102356-4

Client ID:

PAGEL/NORTH

Site: G09D

Locator: PAGEL PIT

Collect Date:

12-OCT-04 10:07

| Parameter | | Result | Units | Date | Ву |
|--|-----------|--------|--------------|---|------------|
| BPA METHOD 300.0 rev 2.1 | | | | | |
| Chloride, Dissolved | | 20. | mg/l | 20-Oct-04 22:09 | pli |
| SM METHOD 4500 CN C,E / SW-846 METHOD 9 | 012 | | | _, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | F |
| Cyanide, Total | < | 0.0050 | mg/1 | 14-Oct-04 10:00 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350.1 | (Phe | enate) | | | |
| Nitrogen, Ammonia as N, Diss. | | 0.10 | mg/1 | 22-Oct-04 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | / 3 | 12 0 1 04 10 00 | , . |
| Nitrate as N, Diss. | | 0.035 | mg/l | 13-Oct-04 12:28 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 Phenolics | / nx < | 0.0050 | 20.2 mg/l | 20-Oct-04 08:54 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | 0.0030 | 1119/ 1 | 20-000-04-00.54 | 19)14 |
| Sulfate, Dissolved | | 46. | mg/1 | 20-Oct-04 22:09 | pli |
| SM METHOD 2540 C | | | J. | | • |
| Solids, Total Dissolved, Filtered | | 1000 | mg/1 | 15-Oct-04 10:05 | KD |
| SW-846 METHOD 6010B | | | | | |
| Boron, Dissolved | | 45. | ug/l | 15-Oct-04 10:00 | ERS |
| Iron, Dissolved | | 3300 | ug/l | 15-Oct-04 10:00 | ERS |
| SW-846 METHOD 6020 | | 1 0 | / T | 10 0-6 04 14 00 | W TO |
| Arsenic, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 18-Oct-04 14:00 | KJP KJP |
| Cadmium, Dissolved Manganese, Dissolved | < | 830 | ug/l ug/l | 18-Oct-04 14:00 | KJP |
| Lead, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Zinc, Dissolved | - | 28. | ug/l | 18-Oct-04 14:00 | KJP |
| • | | | J , | | |



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Laboratory Results

Waste Group

5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 04102356

Sample No:

04102356-7

Client ID: PAGEL/NORTH

Site: G16M

Locator: PAGEL PIT

Collect Date: 12-OCT-04 07:50

| Parameter | | Result | Units | Date | | Ву |
|---|-----------|---------------|-------|-----------|-------|-------|
| | | | | | | |
| EPA METHOD 300.0 rev 2.1 | | 50 | | 10.0-6.04 | 10 50 | 1.2 |
| Chloride, Dissolved | 020020020 | 52. | mg/l | 13-Oct-04 | 12:59 | pli |
| SM METHOD 4500 CN C.E / SW-846 METHOD 9 | 012 | | 4- | | | |
| Cyanide, Total | < | 0.0050 | mg/l | 14-Oct-04 | 10:01 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350.1 | (Phe | nate) | | | | |
| Nitrogen, Ammonia as N, Diss. | | 12. | mg/1 | 22-Oct-04 | 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | | | | |
| Nitrate as N. Diss. | | 6.6 | mg/l | 13-Oct-04 | 12:59 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 | / EP | A METHOD 420. | 2 | | | |
| Phenolics | < | 0.0050 | mg/1 | 20-Oct-04 | 08:55 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | | | | | |
| Sulfate, Dissolved | | 27. | mg/1 | 13-Oct-04 | 12:59 | pli |
| SM METHOD 2540 C | | | • | | | • |
| Solids, Total Dissolved, Filtered | | 530 | mg/l | 15-Oct-04 | 10:06 | KD |
| SW-846 METHOD 6010B | | | J. | | | |
| Boron, Dissolved | | 80. | ug/l | 15-Oct-04 | 10:00 | ERS |
| Iron, Dissolved | < | 10. | ug/l | 15-Oct-04 | 10:00 | ERS |
| SW-846 METHOD 6020 | | | 5, | | | |
| Arsenic, Dissolved | < | 1.0 | uq/l | 18-Oct-04 | 14:00 | KJP · |
| Cadmium, Dissolved | < | 1.0 | ug/l | 18-Oct-04 | | KJP |
| Manganese, Dissolved | - | 900 | ug/l | 18-Oct-04 | | KJP |
| Lead, Dissolved | < | 1.0 | ug/l | 18-Oct-04 | | KJP |
| Zinc, Dissolved | _ | 9.9 | ug/l | 18-Oct-04 | | KJP |
| TITIC! DIBBOTACA | | 7.7 | 43/ ± | 10 000 04 | 22.00 | 1.0 1 |



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Laboratory Results

Waste Group 5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW PDC Cust. # : 209324

Login No. 04102356

Attn: Mr. Evan Buskohl

Sample No: 04102356-8

Client ID: PAGEL/NORTH

Site: G16D

PAGEL PIT

Locator: Collect Date:

12-OCT-04 07:32

| Parameter | | Result | Units | Date | Ву |
|---|--------|-------------|----------|------------------------------------|------------|
| | | | | | |
| EPA METHOD 300.0 rev 2.1 Chloride, Dissolved | | 11. | m~/1 | 13-Oct-04 13:45 | m1.i |
| SM METHOD 4500 CN C.E / SW-846 METHOD | 9012 | TT . | mg/l | 13-000-04 13:45 | pli |
| Cyanide, Total | < | 0.0050 | mg/l | 14-Oct-04 10:01 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350. | | | 3/ | 11 000 01 10.01 | <u> </u> |
| Nitrogen, Ammonia as N, Diss. | < | 0.090 | mg/l | 22-Oct-04 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | <u> </u> | | |
| Nitrate as N, Diss. | | 3.5 | mg/l | 13-Oct-04 13:45 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 906 | 6 / EE | PA METHOD 4 | 20.2 | | |
| Phenolics | < | 0.0050 | mg/l | 20-Oct-04 08:56 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | 2.0 | /3 | 12.0.1.04.12.45 | |
| Sulfate, Dissolved | | 30. | mg/l | 13-Oct-04 13:45 | pli |
| SM METHOD 2540 C Solids, Total Dissolved, Filtered | | 390 | mg/l | 15-Oct-04 10:06 | KD |
| SW-846 METHOD 6010B | | 370 | 1119/ 1 | 13 000 04 10.00 | ICD |
| Boron, Dissolved | < | 10. | ug/l | 15-Oct-04 10:00 | ERS |
| Iron, Dissolved | < | 10. | ug/l | 15-Oct-04 10:00 | ERS |
| SW-846 METHOD 6020 | | | | | |
| Arsenic, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Cadmium, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Manganese, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Lead, Dissolved Zinc, Dissolved | < < | 1.0 6.0 | ug/l | 18-Oct-04 14:00 18-Oct-04 14:00 | KJP KJP |
| Aine, Dissolved | < | 0.0 | ug/l | 10-001-04 14:00 | VO B |



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Laboratory Results

Waste Group

5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 04102356

Attn: Mr. Evan Buskohl

Sample No: Client ID:

PAGEL/NORTH

Site:

04102356-9 G17S

Locator:

PAGEL PIT

Collect Date:

12-OCT-04 10:10

| Parameter | | Result | Units | Date | Ву |
|---|---------------|------------|--------------|------------------------------------|-------|
| | | | | | |
| EPA METHOD 300.0 rev 2.1 | | 0.7 | | 12 0 04 24 25 | 1. 2 |
| Chloride, Dissolved | | 27. | mg/1 | 13-Oct-04 14:15 | pli |
| SM METHOD 4500 CN C,E / SW-846 METHOD 5 | 100000 | 0.0050 | | 14 0 04 70 00 | 1 |
| Cyanide, Total | < ~~~ | 0.0050 | mg/l | 14-Oct-04 10:02 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350.1 | | | | 22 0-+ 24 33 27 | TT 0 |
| Nitrogen, Ammonia as N, Diss. | < | 0.090 | mg/l | 22-Oct-04 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | | 33 0-+ 04 34 15 | 7 -2 |
| Nitrate as N, Diss. | 0000 p. 1.644 | 7.3 | mg/l | 13-Oct-04 14:15 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 | | | | 1 | 1 6 |
| Phenolics | < | 0.0050 | mg/l | 15-Oct-04 13:28 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | 4.5 | | 33 0 04 34 35 | 3 4 |
| Sulfate, Dissolved | | 47. | ${\sf mg/1}$ | 13-Oct-04 14:15 | pli |
| SM METHOD 2540 C | | 530 | / 7 | 35 0-5 04 10 06 | t/D |
| Solids, Total Dissolved, Filtered | | 530 | mg/l | 15-Oct-04 10:06 | KD |
| SW-846 METHOD 6010B | | 2.0 | /3 | 15 0=+ 04 70 00 | mp.c |
| Boron, Dissolved | | 38. | ug/l | 15-Oct-04 10:00 | ERS |
| Iron, Dissolved | | 18. | ug/l | 15-Oct-04 10:00 | ERS |
| SW-846 METHOD 6020 | _ | 1.0 | /1 | 18-Oct-04 14:00 | КЈР |
| Arsenic, Dissolved | < | 1.0 | ug/l | | KJP |
| Cadmium, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 18-Oct-04 14:00 | KJP |
| Manganese, Dissolved Lead, Dissolved | < < | 1.0 | ug/l ug/l | 18-Oct-04 14:00 18-Oct-04 14:00 | KJP |
| Zinc, Dissolved | • | 6.0 | ug/1 ug/1 | 18-Oct-04 14:00 | KJP |
| Zinc, Dissolved | < | 0.0 | ug/1 | 10-000-04 14:00 | MO P |



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Laboratory Results

Waste Group 5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW PDC Cust. # : 209324

Login No. 04102356

Sample No: 04102356-10 Client ID: PAGEL/NORTH

Site: G18S

Locator: PAGEL PIT

Collect Date: 12-OCT-04 09:15

| Parameter | | Result | Units | Date | Ву |
|--|-----------------|--------|---------------|-----------------|---------|
| BPA METHOD 300.0 rev 2.1 | - | | | | |
| Chloride, Dissolved | | 20. | mg/l | 13-Oct-04 14:30 | pli |
| SM METHOD 4500 CN C/E / SW-846 METHOD | 9012 | | ٥. | | • |
| Cyanide, Total | < | 0.0050 | mg/1 | 14-Oct-04 10:07 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350. | l (Ph | enate) | | | |
| Nitrogen, Ammonia as N, Diss. | | 0.25 | mg/1 | 22-Oct-04 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | ,_ | | |
| Nitrate as N, Diss. | endovis innegal | 0.58 | mg/l | 13-Oct-04 14:30 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 906 | | | *** * *** *** | 22 2 4 44 42 55 | 3 . 1 6 |
| Phenolics | R < | 0.0050 | mg/1 | 20-Oct-04 08:57 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | 94. | mæ/3 | 13-Oct-04 14:30 | -14 |
| Sulfate, Dissolved SM METHOD 2540 C | | 94. | mg/l | 13-000-04 14:30 | pli |
| Solids, Total Dissolved, Filtered | | 570 | mg/l | 15-Oct-04 10:06 | KD |
| SW-846 MBTHOD 6010B | | 3,0 | g/ ± | 13 000 01 10.00 | |
| Boron, Dissolved | | 120 | ug/l | 15~Oct~04 10:00 | ERS |
| Iron, Dissolved | < | 10. | ug/l | 15-Oct-04 10:00 | ERS |
| SW-846 METHOD 6020 | | | J. | | |
| Arsenic, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Cadmium, Dissolved | < | 1.0 | ug/1 | 18-Oct-04 14:00 | KJP |
| Manganese, Dissolved | | 81. | ug/l | 18-Oct-04 14:00 | KJP |
| Lead, Dissolved | < | 1.0 | ug/1 | 18-Oct-04 14:00 | KJP |
| Zinc, Dissolved | < | 6.0 | ug/l | 18-Oct-04 14:00 | KJP |



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Laboratory Results

Waste Group 5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW PDC Cust. # : 209324

Login No. 04102356

Sample No:

04102356-11

Client ID:

PAGEL/NORTH

Site:

G18D

Locator:

PAGEL PIT

Collect Date:

12-OCT-04 09:23

| Parameter | | Result | Units | Date | Ву |
|---|--------------------|-------------|-------|-----------------|-------|
| | | | | | |
| EPA METHOD 300.0 rev 2.1 | | | | | |
| Chloride, Dissolved | estanononon | 28. | mg/l | 13-Oct-04 14:46 | pli |
| SM METHOD 4500 CN C,E / SW-846 METHOD | 9012 | | | | |
| Cyanide, Total | < | 0.0050 | mg/l | 14-Oct-04 10:08 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350. | l (Ph i | enate) | | | |
| Nitrogen, Ammonia as N, Diss. | < | 0.090 | mg/1 | 22-Oct-04 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | | | |
| Nitrate as N, Diss. | | 6.9 | mg/l | 13-Oct-04 14:46 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 | 5 / EI | PA METHOD 4 | 420.2 | | |
| Phenolics | < | 0.0050 | mg/l | 15-Oct-04 13:32 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | | | | |
| Sulfate, Dissolved | | 25. | mg/l | 13-Oct-04 14:46 | pli |
| SM METHOD 2540 C | | | - | | _ |
| Solids, Total Dissolved, Filtered | | 410 | mg/l | 15-Oct-04 10:07 | KD |
| SW+846 METHOD 6010B | | | ë | | |
| Boron, Dissolved | | 12. | ug/l | 15-Oct-04 10:00 | ERS |
| Iron, Dissolved | < | 10. | ug/l | 15-Oct-04 10:00 | ERS |
| SW-846 METHOD 6020 | | | | | |
| Arsenic, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Cadmium, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Manganese, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Lead, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Zinc, Dissolved | < | 6.0 | ug/l | 18-Oct-04 14:00 | KJP |



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Laboratory Results

Waste Group 5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW PDC Cust. # : 209324

Login No. 04102356

Sample No: 04102356-12 Client ID: PAGEL/NORTH

Site: G33S

Locator: PAGEL PIT

Collect Date: 12-OCT-04 09:43

| Parameter | | Result | Units | Date | Ву |
|---|-------------------------|-------------------|-------|-----------------|---------|
| Farancect | | 1,00510210 | Onres | | |
| EPA METHOD 300.0 rev 2.1 | | | | | |
| Chloride, Dissolved | | 18. | mg/l | 13-Oct-04 15:01 | pli |
| SM METHOD 4500 CN C.E / SW-846 METHOD 9 | 012 | | | | - |
| Cyanide, Total | < | 0.0050 | mg/l | 14-Oct-04 10:08 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350.1 | . (Phe | ***************** | | | |
| Nitrogen, Ammonia as N, Diss. | < | 0.090 | mg/l | 22-Oct-04 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | | | - 1 |
| Nitrate as N, Diss. | 0000 +4, 600 <u>000</u> | 9.2 | _mg/l | 13-Oct-04 15:01 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 | | | ` | | . سو به |
| Phenolics | < | 0.0050 | mg/l | 15-Oct-04 13:33 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | 2. | 17 | 12 0 1 04 15 07 | 7 . |
| Sulfate, Dissolved | | 34. | mg/l | 13-Oct-04 15:01 | pli |
| SM METHOD 2540 C | | 450 | /2 | 15 0~4 04 10.07 | WD. |
| Solids, Total Dissolved, Filtered | | 450 | mg/l | 15-Oct-04 10:07 | KD |
| SW-846 METHOD 6010B | | 1.0 | /7 | 35 O=+ 04 10 00 | EDC |
| Boron, Dissolved | < | 10. | ug/1 | 15-Oct-04 10:00 | ERS |
| Iron, Dissolved SW-846 METHOD 6020 | < | 10. | ug/l | 15-Oct-04 10:00 | ERS |
| Arsenic, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | КЈР |
| Cadmium, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Manganese, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Lead, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Zinc, Dissolved | < | 6.0 | ug/l | 18-Oct-04 14:00 | KJP |
| / | | - | -3/- | | |



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Laboratory Results

Waste Group 5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW PDC Cust. # : 209324

Login No. 04102356

Sample No: 04102356-13 Client ID: PAGEL/NORTH

Site: G33D

Locator: PAGEL PIT

Collect Date: 12-OCT-04 09:25

| Parameter | | Result | Units | Date | | Вy |
|---------------------------------------|---------|-------------|------------|-----------|-------|-------|
| | | | | | | |
| EPA METHOD 300.0 rev 2.1 | | | | | | |
| Chloride, Dissolved | | 15. | mg/l | 13-Oct-04 | 12:48 | pli |
| SM METHOD 4500 CN C.E / SW-846 METHOL | 9012 | | | | | |
| Cyanide, Total | < | 0.0050 | mg/1 | 14-Oct-04 | 10:11 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350 | .1 (Phe | enate) | | | | |
| Nitrogen, Ammonia as N, Diss. | < | 0.090 | mg/1 | 22-Oct-04 | 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | | | | |
| Nitrate as N, Diss. | | 8.8 | mg/1 | 13-Oct-04 | 12:48 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 90 | 66 / EI | PA METHOD 4 | 420.2 | | | |
| Phenolics | < | 0.0050 | mg/l | 15-Oct-04 | 13:39 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | | | | | |
| Sulfate, Dissolved | | 33. | mg/l | 13-Oct-04 | 12:48 | pli |
| SM METHOD 2540 C | | | - | | | _ |
| Solids, Total Dissolved, Filtere | d | 440 | mg/l | 15-Oct-04 | 10:07 | KD |
| SW-846 METHOD 6010B | | | • | | | |
| Boron, Dissolved | < | 10. | ug/l | 15-Oct-04 | 10:00 | ERS |
| Iron, Dissolved | | 11. | ug/l | 15-Oct-04 | 10:00 | ERS |
| SW-846 METHOD 6020 | | | J . | | | |
| Arsenic, Dissolved | < | 1.0 | ug/l | 18-Oct-04 | 14:00 | KJP |
| Cadmium, Dissolved | < | 1.0 | ug/l | 18-Oct-04 | 14:00 | KJP |
| Manganese, Dissolved | < | 1.0 | ug/l | 18-Oct-04 | 14:00 | KJP |
| Lead, Dissolved | < | 1.0 | ug/l | 18-Oct-04 | 14:00 | KJP |
| Zinc, Dissolved | < | 6.0 | ug/l | 18-Oct-04 | 14:00 | KJP |
| | | | <u>.</u> . | | | |



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Laboratory Results

Waste Group 5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW PDC Cust. # : 209324

Login No. 04102356

Sample No: Client ID: 04102356-14 PAGEL/NORTH

Site:

G34S

Locator:

PAGEL PIT

Collect Date: 12-OCT-04 08:10

| Parameter | | Result | Units | Date | | Ву |
|---|-------|---------------|--------------|------------------------|-------|------------|
| EPA METHOD 300.0 rev 2.1 | | | | | | |
| Chloride, Dissolved | | 130 | mg/l | 20-Oct-04 | 22:29 | pli |
| SM METHOD 4500 CN C,E / SW-846 METHOD 90 | 12 | | ۵, | | | • |
| Cyanide, Total | < | 0.0050 | mg/l | 14-Oct-04 | 10:12 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350.1 | (Pher | nate) 18. | m ~ / I | 22 0-4 04 | 11 07 | JLC |
| Nitrogen, Ammonia as N, Diss. EPA METHOD 300.0 rev 2.1 | | 18. | mg/l | 22-Oct-04 | 11:07 | ULC |
| Nitrate as N, Diss. | | 2.5 | mg/l | 13-Oct-04 | 13:07 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 | / EP2 | A METHOD 420. | 2 | | | |
| Phenolics | < | 0.0050 | mg/l | 15-Oct-04 | 13:40 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 Sulfate, Dissolved | | 25. | mg/l | 13-Oct-04 | 13:07 | pli |
| SM METHOD 2540 C | | 45. | 37 -2 | 13 000 01 | 13.07 | PTT |
| Solids, Total Dissolved, Filtered | | 690 | mg/l | 15-Oct-04 | 10:08 | KD |
| SW-846 METHOD 6010B | | | / a | | | |
| Boron, Dissolved | | 100 | ug/1 | 15-Oct-04 | | ERS ERS |
| Iron, Dissolved SW-846 METHOD 6020 | < | 10. | ug/l | 15-Oct-04 | 10:00 | EKS |
| Arsenic, Dissolved | | 1.8 | ug/l | 18-Oct-04 | 14:00 | KJP |
| Cadmium, Dissolved | < | 1.0 | ug/l | 18-Oct-04 | 14:00 | KJP |
| Manganese, Dissolved | | 170 | ug/l | 18-Oct-04 | | KJP |
| Lead, Dissolved Zinc, Dissolved | < | 1.0 | ug/l ug/l | 18-Oct-04 18-Oct-04 | | KJP KJP |
| HILL DIDOLING | ` | 0.0 | ~3/ ÷ | 10 000 04 | 14.00 | TO E |



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Laboratory Results

Waste Group

5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW PDC Cust. # : 209324

Login No. 04102356

Sample No:

04102356-15

Client ID:

PAGEL/NORTH

Site: G34D

Locator: PAGEL PIT

Collect Date:

12-OCT-04 08:25

| Parameter | | Result | Units | Date | | Вy |
|---|------------|----------------|----------------|-----------|-------|--------------|
| | | | | | | |
| EPA METHOD 300.0 rev 2.1 | | | 45 | | | |
| Chloride, Dissolved | 0000000000 | 55. | mg/1 | 13-Oct-04 | 13:26 | pli |
| SM METHOD 4500 CN C,E / SW-846 METHOD S | 012 | | | | | |
| Cyanide, Total | < | 0.0050 | mg/l | 14-Oct-04 | 10:13 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350.1 | (Ph∈ | enate) | | | | |
| Nitrogen, Ammonia as N, Diss. | | 0.26 | mg/l | 22-Oct-04 | 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | | | | |
| Nitrate as N, Diss. | | 7.5 | mg/l | 13-Oct-04 | 13:26 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 | / EI | PA METHOD 420. | 2 | | | |
| Phenolics | < | 0.0050 | mg/l | 15-Oct-04 | 13:41 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | | • | | | |
| Sulfate, Dissolved | | 22. | mg/1 | 13-Oct-04 | 13:26 | pli |
| SM METHOD 2540 C | | | - · | | | - |
| Solids, Total Dissolved, Filtered | | 520 | mg/1 | 15-Oct-04 | 10:22 | KD |
| SW-846 METHOD 6010B | | | . | | | |
| Boron, Dissolved | | 23. | ug/l | 15-Oct-04 | 10:00 | ERS |
| Iron, Dissolved | < | 10. | ug/l | 15-Oct-04 | 10:00 | ERS |
| SW-846 METHOD 6020 | | | 5, | | | |
| Arsenic, Dissolved | | 1.1 . | ug/l | 18-Oct-04 | 14:00 | KJP |
| Cadmium, Dissolved | < | 1.0 | ug/l | 18-Oct-04 | | KJP |
| Manganese, Dissolved | | 60. | ug/l | 18-Oct-04 | | KJP |
| Lead, Dissolved | < | 1.0 | ug/1 | 18-Oct-04 | | KJP |
| Zinc, Dissolved | < | 6.0 | ug/1 | 18-Oct-04 | | KJP |
| • | | | J | | | |



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Laboratory Results

Waste Group

5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 04102356

04102356-16 Sample No: Client ID: PAGEL/NORTH

Site: G35S

Locator: PAGEL PIT

Collect Date: 12-OCT-04 08:13

| Parameter | | Result | Units | Date | Ву |
|--|----------|--------------|------------|-----------------|-------|
| | | | | | |
| EPA METHOD 300.0 rev 2.1 | | | /3 | | |
| Chloride, Dissolved | (Les 22) | 51. | mg/1 | 20-Oct-04 22:49 | pli |
| SM METHOD 4500 CN C,E / SW-846 METHOD 90 | 12 | | | | |
| Cyanide, Total | < | 0.0050 | mg/l | 14-Oct-04 10:14 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350.1 | (Phe | ********* | <i>.</i> _ | | |
| Nitrogen, Ammonia as N, Diss. | | 45. | mg/1 | 22-Oct-04 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | | | |
| Nitrate as N. Diss. | | 0.087 | mg/l | 13-Oct-04 13:45 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 | / EP. | A METHOD 420 | .2 | | |
| Phenolics | < | 0.0050 | mg/l | 15-Oct-04 13:42 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | | | | |
| Sulfate, Dissolved | | 30. | mg/l | 20-Oct-04 22:49 | pli |
| SM METHOD 2540 C | | | | | |
| Solids, Total Dissolved, Filtered | | 350 | mg/l | 15-Oct-04 10:23 | KD |
| SW-846 METHOD 6010B | | | | | |
| Boron, Dissolved | | 160 | ug/l | 15-Oct-04 10:00 | ERS |
| Iron, Dissolved | | 10. | ug/l | 15-Oct-04 10:00 | ERS |
| SW-846 METHOD 6020 | | | | | |
| Arsenic, Dissolved | | 1.2 | ug/l | 18-Oct-04 14:00 | KJP |
| Cadmium, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Manganese, Dissolved | | 150 | ug/l | 18-Oct-04 14:00 | KJP |
| Lead, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Zinc, Dissolved | < | 6.0 | ug/l | 18-Oct-04 14:00 | KJP |
| | | | | | |



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Laboratory Results

Waste Group

5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 04102356

Sample No: 04102356~17

Client ID: PAGEL/NORTH

Site: G35D

Locator: PAGEL PIT

Collect Date: 12-OCT-04 09:00

| Parameter | | Result | Units | Date | Ву |
|---|--|-----------|-----------------|-----------------|-------|
| | | | | | |
| BPA METHOD 300.0 rev 2.1 Chloride, Dissolved | | 39. | mg/l | 13-Oct-04 14:42 | m] d |
| SM METHOD 4500 CN C,E / SW-846 METHOD ! | 2012 | 39. | mg/ I | 13-000-04 14:42 | pli |
| Cyanide, Total | / V ± Z | 0.0050 | mg/l | 14-Oct-04 10:14 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350. | | | 9/ 2 | 11 000 01 10.11 | +3)+4 |
| Nitrogen, Ammonia as N. Diss. | ************************************** | 6.2 | mg/l | 22-Oct-04 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | | | |
| Nitrate as N, Diss. | | 7.4 | mg/1 | 13-Oct-04 14:42 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 | 5 / E | PA METHOD | 420.2 | | |
| Phenolics | < | 0.0050 | mg/l | 15-Oct-04 13:43 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | | | | |
| Sulfate, Dissolved | | 26. | mg/l | 13-Oct-04 14:42 | pli |
| SM METHOD 2540 C | | | ,_ | | |
| Solids, Total Dissolved, Filtered | | 480 | mg/l | 15-Oct-04 10:23 | KD |
| SW-846 METHOD 6010B | | CO | /3 | 15 0 - 04 10 00 | TD C |
| Boron, Dissolved | | 60. | ug/l | 15-Oct-04 10:00 | ERS |
| Iron, Dissolved | < | 10. | ug/l | 15-Oct-04 10:00 | ERS |
| SW-846 METHOD 6020 Arsenic, Dissolved | | 1.1 | ug/l | 18-Oct-04 14:00 | КЈР |
| Cadmium, Dissolved | _ | 1.0 | - '. | 18-Oct-04 14:00 | KJP |
| Manganese, Dissolved | < | 290 | ug/l ug/l | 18-Oct-04 14:00 | KJP |
| Lead, Dissolved | _ | 1.0 | ug/1 ug/1 | 18-Oct-04 14:00 | KJP |
| Zinc, Dissolved | < | 6.0 | ug/l ug/l | 18-Oct-04 14:00 | KJP |
| TITIC) DIBBOTAER | ` | 0.0 | ug/ I | 10-000-04 14:00 | NO F |



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Laboratory Results

Waste Group

5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW PDC Cust. # : 209324

Login No. 04102356

Attn: Mr. Evan Buskohl

Sample No: 04102356-18 Client ID: PAGEL/NORTH

Site: G37S

Locator: PAGEL PIT

Collect Date: 12-OCT-04 08:13

| Parameter | | Result | Units | Date | Ву |
|---|---|--------------------|------------|-----------------|-------|
| EPA METHOD 300.0 rev 2.1 | | | | | |
| Chloride, Dissolved | | 94. | mg/l | 13-Oct-04 15:01 | pli |
| SM METHOD 4500 CN C,E / SW-846 METHOD ! | 2012 | 94. | 1119/1 | 13-000-04 15:01 | PTT |
| Cyanide, Total | 7U14 - | 0.0050 | mg/l | 18-Oct-04 10:26 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350. | າ <i>(</i> າວ⊁ | | 1119/ 1 | 10 000 04 10.20 | 19)14 |
| Nitrogen, Ammonia as N, Diss. | F (F 43 | 3.4 | mg/l | 22-Oct-04 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | 3.1 | g/ ± | 11 000 01 11.07 | 0.40 |
| Nitrate as N, Diss. | | 1.0 | mg/1 | 13-Oct-04 15:01 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 | 5 / E | AND TO SHARE STORY | | 13 000 01 13.01 | P |
| Phenolics | < = = = = = = = = = = = = = = = = = = = | 0.0050 | mg/l | 15-Oct-04 13:44 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | | J. | | 23 |
| Sulfate, Dissolved | | 37. | mg/1 | 13-Oct-04 15:01 | pli |
| SM METHOD 2540 C | | | - - | | • |
| Solids, Total Dissolved, Filtered | | 660 | mg/1 | 15-Oct-04 10:23 | KD |
| SW-846 METHOD 6010B | | | | | |
| Boron, Dissolved | | 100 | ug/1 | 15-Oct-04 10:00 | ERS |
| Iron, Dissolved | < | 10. | ug/l | 15-Oct-04 10:00 | ERS |
| SW-846 METHOD 6020 | | | | | |
| Arsenic, Dissolved | | 1.2 | ug/l | 18-Oct-04 14:00 | KJP |
| Cadmium, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Manganese, Dissolved | | 3.7 | ug/l | 18-Oct-04 14:00 | KJP |
| Lead, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Zinc, Dissolved | < | 6.0 | ug/l | 18-Oct-04 14:00 | KJP |
| | | | | | |



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Laboratory Results

Waste Group

5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 04102356

Sample No: 04102356-19 Client ID: PAGEL/NORTH

Site: G37D

Locator: PAGEL PIT

Collect Date: 12-OCT-04 08:18

| Parameter | | Result | Units | Date | By |
|--|--------|--------------------------------------|--------------|------------------------------------|-------|
| | | | | | |
| EPA METHOD 300.0 rev 2.1 | | | | | |
| Chloride, Dissolved | | 60. | mg/1 | 13-Oct-04 15:20 | pli |
| SM METHOD 4500 CN C,E / SW-846 METHOD | 9012 | | | | |
| Cyanide, Total | < | 0.0050 | mg/1 | 18-Oct-04 10:27 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350. | l (Phe | nate) | | | |
| Nitrogen, Ammonia as N, Diss. | < | 0.090 | ${\sf mg/l}$ | 22-Oct-04 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | | | |
| Nitrate as N, Diss. | | 7.1 | mg/l | 13-Oct-04 15:20 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 906 | 5 / EF | A carbon consistention of the second | | | |
| Phenolics | < | 0.0050 | mg/1 | 15-Oct-04 13:47 | lgjfa |
| EPA METHOD 300 0 rev. 2.1 | | | 15 | | |
| Sulfate, Dissolved | | 22. | mg/1 | 13-Oct-04 15:20 | pli |
| SM METHOD 2540 C | | | (3 | | |
| Solids, Total Dissolved, Filtered | | 530 | mg/1 | 15-Oct-04 10:23 | KD |
| SW-846 METHOD 6010B | | | (2 | | |
| Boron, Dissolved | | 12. | ug/l | 15-Oct-04 10:00 | ERS |
| Iron, Dissolved | | 12. | ug/l | 15-Oct-04 10:00 | ERS |
| SW-846 METHOD 6020 | | 4 1 | | 10 Out 04 14 00 | W TD |
| Arsenic, Dissolved | | 1.1 | ug/l | 18-Oct-04 14:00 | KJP |
| Cadmium, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Manganese, Dissolved | _ | 4.2 | ug/l | 18-Oct-04 14:00 | KJP |
| Lead, Dissolved | < | 1.0 6.0 | ug/l | 18-Oct-04 14:00 18-Oct-04 14:00 | KJP |
| Zinc, Dissolved | < | 6. 0 | ug/l | 18-000-04 14:00 | KJP |



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Laboratory Results

Waste Group 5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW PDC Cust. # : 209324

Login No. 04102356

Sample No: 04102356-20 Client ID: PAGEL/NORTH

Site: G39S

Locator: PAGEL PIT

Collect Date: 12-OCT-04 09:42

| Parameter | | Result | Units | Date | | Ву |
|--|------------|--------------------------------------|--------------|-----------|-------|-------|
| EPA METHOD 300.0 rev 2.1 | | | | | | |
| Chloride, Dissolved | | 100 | mg/l | 20-Oct-04 | 23:48 | pli |
| SM METHOD 4500 CN C,E / SW-846 N | ETHOD 9012 | | | | | _ |
| Cyanide, Total | < | 0.0050 | mg/1 | 18-Oct-04 | 10:28 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHO | | nate) | | | | |
| Nitrogen, Ammonia as N, Dis | SS. | 6.0 | ${\sf mg/l}$ | 22-Oct-04 | 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | | | | |
| Nitrate as N, Diss. | | 0.020 | mg/l | 13-Oct-04 | 15:39 | plí |
| SM METHOD 5530 B,D / SW-846 METH | | annound the properties of the second | s : seconds | | | 7 |
| Phenolics | < | 0.0050 | mg/l | 15-Oct-04 | 13:55 | lgjfa |
| EPA METHOD 300 0 rev. 2.1 | | 24. | ma / 1 | 13-Oct-04 | 16.26 | -1: |
| Sulfate, Dissolved SM METHOD 2540 C | | 24. | mg/l | 13-001-04 | 10:30 | pli |
| Solids, Total Dissolved, Fi | ltered | 780 | mg/l | 15-Oct-04 | 10.24 | KĎ |
| SW-846 METHOD 6010B | .ItCICQ | 700 | g/ ± | 13.000-04 | 10.24 | 140 |
| Boron, Dissolved | | 110 | ug/l | 15-Oct-04 | 10:00 | ERS |
| Iron, Dissolved | | 13. | ug/1 | 15-Oct-04 | | ERS |
| SW-846 METHOD 6020 | | | 3, | | | _ |
| Arsenic, Dissolved | | 1.5 | ug/l | 18-Oct-04 | 14:00 | КJР |
| Cadmium, Dissolved | < | 1.0 | ug/l | 18-Oct-04 | 14:00 | KJP |
| Manganese, Dissolved | | 610 | ug/l | 18-Oct-04 | 14:00 | KJP |
| Lead, Dissolved | < | 1.0 | ug/l | 18-Oct-04 | 14:00 | KJP |
| Zinc, Dissolved | < | 6.0 | ug/l | 18-Oct-04 | 14:00 | KJP |
| | | | | | | |



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Laboratory Results

Waste Group

5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 04102356

Sample No:

04102356-21

Client ID:

PAGEL/NORTH

Site: G40S

Locator: PAGEL PIT

Collect Date: 12-OCT-04 11:35

| Parameter | | Result | Units | Date | By |
|---|---------|---|--------|-----------------|----------|
| | | | | | |
| EPA METHOD 300.0 rev 2.1 | | 150 | m~ / 7 | 21-Oct-04 04:08 | 1 d |
| Chloride, Dissolved | 010 | 150 | mg/l | 21-001-04 04:08 | pli |
| SM METHOD 4500 CN C.E / SW-846 METHOD 9 | .012 | 0.0050 | m~ /1 | 18-Oct-04 10:31 | ladfa |
| Cyanide, Total SM METHOD 4500 NH3 D / EPA METHOD 350.1 | ์ (กน | | mg/l | 18-000-04 10:31 | lgjfa |
| Nitrogen, Ammonia as N, Diss. | 1 = 111 | 32. | ma / 1 | 22-Oct-04 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | 32. | mg/l | 22-000-04 11:07 | OTIC |
| Nitrate as N, Diss. | | 0.40 | mg/l | 13-Oct-04 16:54 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 | / 121 | and a comment of the contract | | 13 000 40 10.34 | b++ |
| Phenolics | < ***** | 0.0050 | mg/l | 15-Oct-04 13:56 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | ~ | 0.0050 | 9/ + | 13 000 01 13.30 | -9)-u |
| Sulfate, Dissolved | | 18. | mg/l | 13-Oct-04 16:54 | pli |
| SM METHOD 2540 C | | | | | F |
| Solids, Total Dissolved, Filtered | | 820 | mg/l | 15-Oct-04 10:24 | KD |
| SW-846 METHOD 6010B | | | • | | |
| Boron, Dissolved | | 130 | ug/l | 15-Oct-04 10:00 | ERS |
| Iron, Dissolved | < | 10. | ug/l | 15-Oct-04 10:00 | ERS |
| SW-846 METHOD 6020 | | | | | |
| Arsenic, Dissolved | | 1.9 | ug/l | 18-Oct-04 14:00 | KJP |
| Cadmium, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Manganese, Dissolved | | 530 | ug/l | 18-Oct-04 14:00 | KJP |
| Lead, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Zinc, Dissolved | < | 6.0 | ug/l | 18-Oct-04 14:00 | KJP |



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Laboratory Results

Waste Group

5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 04102356

Sample No: 04102356-22 Client ID: PAGEL/NORTH

Site: G41S Locator: PAGEL PIT Collect Date: 12-OCT-04 10:52

| Parameter | | Result | Units | Date | Ву |
|---|--------|---|------------|-----------------|-------|
| EPA METHOD 300.0 rev 2.1 | | | | | |
| Chloride, Dissolved | | 140 | mg/l | 22-Oct-04 12:31 | pli |
| SM METHOD 4500 CN C,E / SW-846 METHOD | 9012 | | . | | - |
| Cyanide, Total | < | 0.0050 | mg/1 | 18-Oct-04 10:31 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350. | l (Phe | nate) | | | |
| Nitrogen, Ammonia as N, Diss. | | 72. | mg/l | 22-Oct-04 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | | | |
| Nitrate as N, Diss. | < | 0.020 | mg/l | 13-Oct-04 17:13 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 906 | | to recover the property response to the | 200.00.000 | | |
| Phenolics | < | 0.0050 | mg/l | 15-Oct-04 13:57 | lgjfa |
| EPA METHOD 300 0 rev. 2.1 | | | 4.5 | | |
| Sulfate, Dissolved | | 20. | mg/l | 21-Oct-04 04:28 | pli |
| SM METHOD 2540 C | | 670 | | 15 0 . 04 10 04 | |
| Solids, Total Dissolved, Filtered | | 670 | mg/l | 15-Oct-04 10:24 | KD |
| SW-846 METHOD 6010B Boron, Dissolved | | 390 | /7 | 15 0 04 10 00 | ED C |
| Iron, Dissolved | | 4800 | ug/1 | 15-Oct-04 10:00 | ERS |
| SW-846 METHOD 6020 | | 4000 | ug/l | 15-Oct-04 10:00 | ERS |
| Arsenic, Dissolved | | 30. | ug/l | 18-Oct-04 14:00 | KJP |
| Cadmium, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Manganese, Dissolved | | 59. | ug/l | 18-Oct-04 14:00 | KJP |
| Lead, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Zinc, Dissolved | < | 6.0 | ug/l | 18-Oct-04 14:00 | KJP |
| | | | 3. | | |



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Laboratory Results

Waste Group

5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 04102356

Sample No:

04102356-23

Client ID: PAGEL/NORTH

Site: G41M

Locator: PAGEL PIT

Collect Date: 12-OCT-04 10:42

| Parameter | Result | Units | Date | Ву |
|---|-------------------|--------------|-----------------|-------|
| | | | | |
| EPA METHOD 300.0 rev 2.1 | 3.00 | | 21 0-1 04 05 00 | 1 4 |
| Chloride, Dissolved | 180 | mg/1 | 21-Oct-04 05:08 | pli |
| SM METHOD 4500 CN C,E / SW-846 METHOD 9012 | | / 3 | | |
| Cyanide, Total < | 0.0050 | mg/l | 18-Oct-04 10:36 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350.1 (Ph | ***************** | | | |
| Nitrogen, Ammonia as N, Diss. | 72. | mg/1 | 22-Oct-04 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | | |
| Nitrate as N, Diss. | 1.1 | mg/l | 13-Oct-04 15:16 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 / E | PA METHOD 4 | 420.2 | | |
| Phenolics | 0.0051 | mg/l | 20-Oct-04 09:00 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | | | |
| Sulfate, Dissolved | 22. | mg/l | 21-Oct-04 04:48 | pli |
| SM METHOD 2540 C | | - | | - |
| Solids, Total Dissolved, Filtered | 770 | mg/l | 15-Oct-04 10:24 | KD |
| SW-846 METHOD 6010B | | J, | | |
| Boron, Dissolved | 330 | ug/l | 15-Oct-04 10:00 | ERS |
| Iron, Dissolved | 250 | ug/l | 15-Oct-04 10:00 | ERS |
| SW-846 METHOD 6020 | | J , - | | |
| Arsenic, Dissolved | 4.2 | ug/l | 18-Oct-04 14:00 | KJP |
| Cadmium, Dissolved < | 1.0 | ug/1 | 18-Oct-04 14:00 | KJP |
| Manganese, Dissolved | 450 | ug/1 | 18-Oct-04 14:00 | KJP |
| Lead, Dissolved < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Zinc, Dissolved | 28. | ug/1 ug/1 | 18-Oct-04 14:00 | KJP |
| aine, pissoived | 20. | ug/ 1 | 10-000-04 14:00 | VOR |



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Laboratory Results

Waste Group 5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 04102356

Sample No:

04102356-24

Client ID:

PAGEL/NORTH

G41D

PAGEL PIT

Site: Locator: Collect Date:

12-OCT-04 11:17

| Parameter | | Result | Units | Date | Ву |
|--|--------------------|--------|-------|-----------------|-------|
| EPA METHOD 300.0 rev 2.1 | | | | | |
| Chloride, Dissolved | | 16. | mg/l | 13-Oct-04 16:48 | pli |
| SM METHOD 4500 CN C,E / SW-846 METHOD | 9012 | | | | _ |
| Cyanide, Total | < | 0.0050 | mg/l | 18-Oct-04 10:37 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350 | | | /- | | |
| Nitrogen, Ammonia as N, Diss. | < | 0.090 | mg/1 | 22-Oct-04 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | /3 | | |
| Nitrate as N, Diss. | egasse enye elggge | 4.6 | mg/l | 13-Oct-04 16:48 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 906 | | | | | 7 10 |
| Phenolics | < | 0.0050 | mg/1 | 15-Oct-04 13:59 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | | 43 | | |
| Sulfate, Dissolved | | 22. | mg/1 | 13-Oct-04 16:48 | pli |
| SM METHOD 2540 C | | | /3 | | |
| Solids, Total Dissolved, Filtered | | 410 | mg/1 | 15-Oct-04 10:24 | KD |
| SW-846 METHOD 6010B | | | 4-5 | | |
| Boron, Dissolved | < | 10. | ug/l | 15-Oct-04 10:00 | ERS |
| Iron, Dissolved | | 35. | ug/l | 15-Oct-04 10:00 | ERS |
| SW-846 METHOD 6020 | | | 42 | | |
| Arsenic, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Cadmium, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Manganese, Dissolved | | 14. | ug/l | 18-Oct-04 14:00 | KJP |
| Lead, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Zinc, Dissolved | < | 6.0 | ug/l | 18-Oct-04 14:00 | KJP |
| | | | | | |



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Laboratory Results

Waste Group

5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 04102356

Sample No:

04102356-25

Client ID:

PAGEL/NORTH G119

Site: Locator:

PAGEL PIT

12-OCT-04 08:52 Collect Date:

| Parameter | | Result | Units | Date | Ву |
|--|------------------|--|--------------|------------------------------------|------------|
| THE MEMORAL WAS A COMMON TO THE COMMON TO TH | | | | | |
| RPA METHOD 300.0 rev 2.1 Chloride, Dissolved | | 24. | mg/l | 13-Oct-04 17:03 | pli |
| SM METHOD 4500 CN C.E / SW-846 METHOD 9 | 012 | 24. | 11197 I | 13 000 04 17.03 | 5 |
| Cyanide, Total | %±.#! -< | 0.0050 | mq/l | 18-Oct-04 10:38 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350.1 | (Phe | mate) | 5 . | | 3.5 |
| Nitrogen, Ammonia as N, Diss. | < | 0.090 | mg/l | 22-Oct-04 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | 4- | | |
| Nitrate as N, Diss. | orgonización | 14. | mg/l | 13-Oct-04 17:03 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 | e source sources | and the property of the proper | *** | 15 Oak 04 14 01 | 1 - 4 - |
| Phenolics EPA METHOD 300.0 rev. 2.1 | < | 0.0050 | mg/l | 15-Oct-04 14:01 | lgjfa |
| Sulfate, Dissolved | | 21. | mg/l | 13-Oct-04 17:03 | pli |
| SM METHOD 2540 C | | | 37 | | t |
| Solids, Total Dissolved, Filtered | | 450 | mg/l | 15-Oct-04 10:25 | KD |
| SW-846 METHOD 6010B | | | | | |
| Boron, Dissolved | | 11. | ug/l | 15-Oct-04 10:00 | ERS |
| Iron, Dissolved | < | 10. | ug/l | 15-Oct-04 10:00 | ERS |
| SW-846 METHOD 6020 | | 1 0 | / 3 | 10 0 | 77.70 |
| Arsenic, Dissolved Cadmium, Dissolved | < < | 1.0 | ug/l ug/l | 18-Oct-04 14:00 18-Oct-04 14:00 | KJP KJP |
| Manganese, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 18-Oct-04 14:00 | KJP |
| Lead, Dissolved | < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Zinc, Dissolved | < | 6.0 | ug/l | 18-Oct-04 14:00 | KJP |
| | | | | | |



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Laboratory Results

Waste Group 5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 04102356

Sample No: 04102356-26 Client ID: PAGEL/NORTH

> Site: SG1

PAGEL PIT

Locator: Collect Date: 12-OCT-04 11:00

| Parameter | Result | Units | Date | Ву |
|--|--|------------|-----------------|-------|
| THE SECOND SAME AS A SE | | | | |
| RPA METHOD 300.0 rev 2.1 Chloride, Dissolved | 32. | mg/l | 13-Oct-04 17:18 | pli |
| SM METHOD 4500 CN C,E / SW-846 METHOD 90 | 200.0 | 11197 1 | 13 000 04 17.16 | D1+ |
| | < 0.0050 | mg/l | 18-Oct-04 10:39 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350.1 | (Phenate) | 5, | | -35 |
| Nitrogen, Ammonia as N, Diss. | 1.4 | mg/l | 22-Oct-04 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | | |
| Nitrate as N, Diss. | 3.7 | mg/l | 13-Oct-04 17:18 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 | To a comprehensive and a factor and a second control of the contro | | | |
| | < 0.0050 | mg/1 | 15-Oct-04 14:02 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | F 4 | /1 | 12 0~+ 04 17 10 | 1 -2 |
| Sulfate, Dissolved SM METHOD 2540 C | 54. | mg/l | 13-Oct-04 17:18 | pli |
| Solids, Total Dissolved, Filtered | 460 | mg/l | 15-Oct-04 10:25 | KD |
| SW-846 METHOD 6010B | 400 | 1119/1 | 15-000-04 10.25 | M |
| Boron, Dissolved | 25. | ug/l | 15-Oct-04 10:00 | ERS |
| Iron, Dissolved | 43. | ug/l | 15-Oct-04 10:00 | ERS |
| SW-846 METHOD 6020 | | J * | | |
| Arsenic, Dissolved | 1.3 | ug/1 | 18-Oct-04 14:00 | KJP |
| | < 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Manganese, Dissolved | 36. | ug/1 | 18-Oct-04 14:00 | KJP |
| | < 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Zinc, Dissolved | < 6.0 | ug/l | 18-Oct-04 14:00 | KJP |



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Laboratory Results

Waste Group 5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 04102356

Sample No:

04102356-27

Client ID:

PAGEL/NORTH

Site:

SG3

Locator:

PAGEL PIT

Collect Date:

12-OCT-04 09:52

| Parameter | | Result | Units | Date | | Ву |
|---|------|--------------|-------|-----------|-------|-------|
| | - | | | | | |
| EPA METHOD 300.0 rev 2.1 | | | | | | |
| Chloride, Dissolved | | 29. | mg/1 | 13-Oct-04 | 17:34 | pli |
| SM METHOD 4500 CN C.E / SW-846 METHOD 9 | 012 | | | | | |
| Cyanide, Total | < | 0.0050 | mg/l | 18-Oct-04 | 10:39 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350.1 | | | | | | |
| Nitrogen, Ammonia as N, Diss. | < | 0.090 | mg/l | 22-Oct-04 | 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | | | | |
| Nitrate as N, Diss. | | 4.2 | mg/l | 13-Oct-04 | 17:34 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 | / EP | A METHOD 420 | 2 | | | |
| Phenolics | < | 0.0050 | mg/l | 15-Oct-04 | 14:03 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | | | | | |
| Sulfate, Dissolved | | 54. | mg/1 | 13-Oct-04 | 17:34 | pli |
| SM METHOD 2540 C | | | | | | |
| Solids, Total Dissolved, Filtered | | 480 | mg/1 | 15-Oct-04 | 10:25 | KD |
| SW-846 METHOD 6010B | | | | | | |
| Boron, Dissolved | | 17. | ug/l | 15-Oct-04 | 10:00 | ERS |
| Iron, Dissolved | | 23. | ug/l | 15-Oct-04 | 10:00 | ERS |
| SW-846 METHOD 6020 | | | | | | |
| Arsenic, Dissolved | | 1.2 | ug/l | 18-Oct-04 | 14:00 | KJP |
| Cadmium, Dissolved | < | 1.0 | ug/l | 18-Oct-04 | 14:00 | KJP |
| Manganese, Dissolved | | 25. | ug/l | 18-Oct-04 | 14:00 | KJP |
| Lead, Dissolved | < | 1.0 | ug/l | 18-Oct-04 | 14:00 | KJP |
| Zinc, Dissolved | < | 6.0 | ug/l | 18-Oct-04 | 14:00 | KJP |
| | | | | | | |



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Laboratory Results

Waste Group 5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 01-Nov-04

PO #: Pagel N-GW

PDC Cust. # : 209324
Login No. 04102356

Sample No: 04102356-28 Client ID: PAGEL/NORTH

Site: SG4

Locator: PAGEL PIT

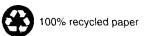
Collect Date: 12-OCT-04 08:40

| Parameter | Result | Units | Date | Ву |
|---|-------------|-------|-----------------|-------|
| EPA METHOD 300.0 rev 2.1 | | | | |
| Chloride, Dissolved | 32. | mg/l | 13-Oct-04 17:49 | pli |
| SM METHOD 4500 CN C,E / SW-846 METHOD 9012 | | 3, | | _ |
| Cyanide, Total < | 0.0050 | mg/1 | 18-Oct-04 10:40 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350.1 (Ph | lenate) | - | | - |
| Nitrogen, Ammonia as N, Diss. | 0.58 | mg/1 | 22-Oct-04 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | | |
| Nitrate as N, Diss. | 3.8 | mg/l | 13-Oct-04 17:49 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 / E | PA METHOD 4 | 120.2 | | |
| Phenolics < | 0.0050 | mg/1 | 15-Oct-04 14:04 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | | | |
| Sulfate, Dissolved | 54. | mg/1 | 13-Oct-04 17:49 | pli |
| SM METHOD 2540 C | | | | |
| Solids, Total Dissolved, Filtered | 490 | mg/1 | 15-Oct-04 10:26 | KD |
| SW-846 METHOD 6010B | | | | |
| Boron, Dissolved | 20. | ug/1 | 15-Oct-04 10:00 | ERS |
| Iron, Dissolved | 26. | ug/l | 15-Oct-04 10:00 | ERS |
| SW-846 METHOD 6020 | | 4- | | |
| Arsenic, Dissolved | 1.1 | ug/1 | 18-Oct-04 14:00 | KJP |
| Cadmium, Dissolved < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Manganese, Dissolved | 22. | ug/l | 18-Oct-04 14:00 | KJP |
| Lead, Dissolved < | 1.0 | ug/l | 18-Oct-04 14:00 | KJP |
| Zinc, Dissolved < | 6.0 | ug/l | 18-Oct-04 14:00 | KJP |

DATA QUALIFIERS APPLICABLE TO THE "STANDARD QC" PROGRAM

| A | The presence of this analyte was confirmed using a second column but there was a disparity (> 40% RPD) between the two sets of results with no apparent chromatographic anomalies. The lower of the two results was reported. |
|----|---|
| В | present in the method blank at |
| С | The batch control sample failed to meet the required acceptance criteria. |
| D | Result obtained through analysis of a sample dilution. |
| Ε | Concentration exceeds the instrument calibration range. |
| F | Internal standard area failed to meet the required acceptance criteria in duplicate analyses. Results should be interpreted as estimated concentrations. |
| G | The Method of Standard Additions (MSA) was used to quantify the concentration. |
| Н | Test performed after the expiration of the appropriate regulatory/advisory maximum allowable hold time. |
| J | Estimated value; value between the MDL and the RDL. |
| М | Analyte failed to meet the required acceptance criteria for duplicate analysis. |
| Р | Chemical preservation discrepancy noted at the time of analysis. |
| Q | Analyte failed to meet the required acceptance criteria for spike recovery in the Matrix Spike (MS) and Matrix Spike Duplicate (MSD) due to apparent matrix effects |
| R | Analyte failed to meet the required acceptance criteria for relative percent difference (RPD) between the Matrix Spike and Matrix Spike Duplicate (MS/MSD). |
| S | Surrogate compound diluted below a reliable quantitation level. |
| 7 | Surrogate recovery failed to meet the required acceptance criteria in initial analysis. Sample was reextracted (if applicable) and re-analyzed, and the surrogate recovery was outside of the required acceptance criteria on the second analysis, also. Results should be interpreted as estimated concentrations. |
| U | Parameter was analyzed for, but not detected above the reporting limit. |
| V | Verification standard recovery failed to meet the required acceptance criteria. |
| W | Surrogate recovery failed to meet the required acceptance criteria in initial analysis. Sample was reextracted (if applicable) beyond the maximum allowable hold time, and re-analyzed. The surrogate recovery was within the required acceptance criteria on this second analysis. |
| NA | Not analyzed. |
| ٧R | Not requested. |
| (| Miscellaneous; see comments. |

PDC Laboratories, Inc.



Revised: <u>07/14/04</u>



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Report Cover Page

Waste Group

5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Date Received: 13-Oct-04 Date Reported: 29-Oct-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Attn: Mr. Evan Buskohl

Login No. 04102599

Copy: Ms. Kim Van Pelt, c/o Andrews, 3535 Mayflower Blvd, Springfield, IL, 62711-9405

This report includes information regarding the following described samples as received by the laboratory and is only valid for the parameters tested. This report contains 7 results page(s) not including the cover page(s).

| Sample No. | Client ID | Site | Locator | |
|------------|-------------|------|-----------|--|
| 04102599-1 | PAGEL/NORTH | G130 | PAGEL PIT | |
| 04102599-2 | PAGEL/NORTH | G14D | PAGEL PIT | |
| 04102599-3 | PAGEL/NORTH | G15S | PAGEL PIT | |
| 04102599-4 | PAGEL/NORTH | G20D | PAGEL PIT | |
| 04102599-5 | PAGEL/NORTH | G36S | PAGEL PIT | |
| 04102599-6 | PAGEL/NORTH | G38S | PAGEL PIT | |
| 04102599-7 | PAGEL/NORTH | R42S | PAGEL PIT | |

Certified by:

Dorothy W. Rothert, Project Manager

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NELAC Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230

State of Illinois Certification for Bacteriological Analysis in Drinking Water -Lab Registry No. 17533

Drinking Water Certifications: Indiana (C-IL-04); Kansas (E-10338); Kentucky (90058); Missouri (00870); Wisconsin (998294430)

Wastewater Certifications: Arkansas; Iowa (240); Kansas (E-10338); Wisconsin (998294430)

Hazardous/Solid Waste Certifications: Arkansas; Kansas (E-10338); Wisconsin (998294430)

UST Certification: Iowa (240)

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Laboratory Results

Waste Group 5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 13-Oct-04 Date Reported: 29-Oct-04

PO #: Pagel N-GW PDC Cust. # : 209324

Login No. 04102599

Sample No:

04102599-1

Client ID:

PAGEL/NORTH

Site:

G130

Locator:

PAGEL PIT

Collect Date:

12-OCT-04 14:34

| EPA METHOD 300.0 rev 2.1 | |
|--|----|
| 44/44444444444444444444444444444444444 | |
| Chloride, Dissolved 29. mg/l 14-Oct-04 09:02 pli | |
| SM METHOD 4500 CN C,E / SW-846 METHOD 9012 | |
| Cyanide, Total $< 0.0050 $ | :a |
| SM METHOD 4500 NH3 D / EPA METHOD 350.1 (Phenate) | |
| Nitrogen, Ammonia as N, Diss. < 0.090 mg/l 25-Oct-04 09:51 TCH | |
| EPA METHOD 300.0 rev 2.1 | |
| Nitrate as N, Diss. 12. mg/l 14-Oct-04 09:02 pli | |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics < 0.0050 mg/l 20-Oct-04 11:03 lgif | :_ |
| Phenolics < 0.0050 mg/l 20-Oct-04 11:03 lgjf EPA METHOD 300 0 rev. 2.1 | .a |
| Sulfate, Dissolved 35. mg/l 14-Oct-04 09:02 pli | |
| SM METHOD 2540 C | |
| Solids, Total Dissolved, Filtered 470 mg/l 15-Oct-04 10:26 KD | |
| SW-846 METHOD 6010B | |
| Boron, Dissolved 24. ug/l 18-Oct-04 08:45 ERS | |
| Iron, Dissolved < 10. ug/l 18-Oct-04 08:45 ERS | |
| SW-846 METHOD 6020 | |
| Arsenic, Dissolved < 1.0 ug/l 19-Oct-04 10:00 KJP | |
| Cadmium, Dissolved < 1.0 ug/l 19-Oct-04 10:00 KJP | |
| Manganese, Dissolved < 1.0 ug/l 19-Oct-04 10:00 KJP | |
| Lead, Dissolved < 1.0 ug/l 19-Oct-04 10:00 KJP | |
| Zinc, Dissolved < 6.0 ug/l 19-Oct-04 10:00 KJP | |



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Laboratory Results

Waste Group 5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 13-Oct-04 Date Reported: 29-Oct-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 04102599

Sample No: 04102599-2 Client ID: PAGEL/NORTH

Site:

G14D

Locator:

PAGEL PIT

Collect Date:

12-OCT-04 10:25

| Parameter | | Result | Units | Date | Ву |
|---|---|-------------|--------------|-----------------|----------|
| | | | | | |
| EPA METHOD 300.0 rev 2.1 | | | /1 | 26 0 24 20 15 | 2 2 |
| Chloride, Dissolved | ::20±0±: | 55. | mg/1 | 26-Oct-04 20:15 | pli |
| SM METHOD 4500 CN C,E / SW-846 METHOD 5 | 012 | | / 7 | | . |
| Cyanide, Total | < ************************************ | 0.0050 | mg/1 | 19-Oct-04 10:40 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350.1 | . (Phi | | | | |
| Nitrogen, Ammonia as N, Diss. | | 3.2 | mg/1 | 25-Oct-04 09:51 | TCH |
| EPA METHOD 300.0 rev 2.1 | | | | | |
| Nitrate as N. Diss. | < | 0.020 | mg/l | 14-Oct-04 09:17 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 | / E1 | PA METHOD 4 | 20.2 | | |
| Phenolics | < | 0.0050 | mg/l | 20-Oct-04 11:08 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | | | | |
| Sulfate, Dissolved | | 2.3 | mg/1 | 14-Oct-04 09:17 | pli |
| SM METHOD 2540 C | | | | | |
| Solids, Total Dissolved, Filtered | | 980 | mg/1 | 15-Oct-04 10:27 | KD |
| SW-846 METHOD 6010B | | | | | |
| Boron, Dissolved | | 84. | ug/l | 18-Oct-04 08:45 | ERS |
| Iron, Dissolved | | 32000 | ug/l | 18-Oct-04 08:45 | ERS |
| SW-846 METHOD 6020 | | | - | | |
| Arsenic, Dissolved | | 13. | ug/l | 19-Oct-04 10:00 | KJP |
| Cadmium, Dissolved | < | 1.0 | ug/1 | 19-Oct-04 10:00 | KJP |
| Manganese, Dissolved | | 370 | ug/l | 19-Oct-04 10:00 | KJP |
| Lead, Dissolved | < | 1.0 | ug/1 | 19-Oct-04 10:00 | KJP |
| Zinc, Dissolved | < | 6.0 | ug/l | 19-Oct-04 10:00 | KJP |
| , | | | | | |



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Laboratory Results

Waste Group 5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 13-Oct-04 Date Reported: 29-Oct-04

PO #: Pagel N-GW PDC Cust. # : 209324

Login No. 04102599

Sample No: Client ID:

04102599-3 PAGEL/NORTH

Site: G15S

Locator:

PAGEL PIT

Collect Date:

12-OCT-04 12:03

| Parameter | | Result | Units | Date | | ВУ |
|---|------|-----------|-------|--------------------|-------|-------|
| EPA METHOD 300.0 rev 2.1 | | | | | | |
| Chloride, Dissolved | | 290 | mg/l | 26-Oct-04 | 20:31 | pli |
| SM METHOD 4500 CN C,E / SW-846 METHOD 9 | 012 | | | | | |
| Cyanide, Total | < | 0.0050 | mg/l | 19-Oct-04 | 10:41 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350.1 | (Phe | enate) | | | | |
| Nitrogen, Ammonía as N, Diss. | | 120 | mg/1 | 25-Oct - 04 | 09:51 | TCH |
| EPA METHOD 300.0 rev 2.1 | | | | | | |
| Nitrate as N, Diss. | | 0.038 | mg/l | 14-Oct-04 | 10:03 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 | / El | PA METHOD | 420.2 | | | |
| Phenolics | < | 0.0050 | mg/1 | 26-Oct-04 | 09:42 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | | | | | |
| Sulfate, Dissolved | | 47. | mg/1 | 14-Oct-04 | 10:18 | pli |
| SM METHOD 2540 C | | | | | | |
| Solids, Total Dissolved, Filtered | | 940 | mg/1 | 15-Oct-04 | 10:27 | KD |
| SW-846 METHOD 6010B | | | | | | |
| Boron, Dissolved | | 460 | ug/l | 18-Oct-04 | 08:45 | ERS |
| Iron, Dissolved | | 1200 | ug/l | 18-Oct-04 | 08:45 | ERS |
| SW-846 METHOD 6020 | | | | | | |
| Arsenic, Dissolved | | 2.3 | ug/l | 19-Oct-04 | 10:00 | KJP |
| Cadmium, Dissolved | < | 1.0 | ug/l | 19-Oct-04 | 10:00 | KJP |
| Manganese, Dissolved | | 420 | ug/l | 19-Oct-04 | 10:00 | KJP |
| Lead, Dissolved | < | 1.0 | ug/l | 19-Oct-04 | 10:00 | KJP |
| Zinc, Dissolved | < | 6.0 | ug/l | 19-Oct-04 | 10:00 | KJP |
| | | | | | | |



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Laboratory Results

Waste Group 5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 13-Oct-04 Date Reported: 29-Oct-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 04102599

Sample No:

04102599-4

Site:

Client ID: PAGEL/NORTH G20D

Locator: PAGEL PIT

Collect Date: 12-OCT-04 15:15

| ### RETHOD 300.0 rev 2.1 Chloride, Dissolved 28. mg/l 14-Oct-04 10:33 pli SM METHOD 4500 CN C.E / SW-846 METHOD 9012 Cyanide, Total < 0.0050 mg/l 19-Oct-04 10:42 lgjfa SM METHOD 4500 NH3 D / EPA METHOD 350 1 (Phenate) Nitrogen, Ammonia as N, Diss. < 0.090 mg/l 25-Oct-04 09:51 TCH #### RETHOD 300.0 rev 2.1 Nitrate as N, Diss. 4.5 mg/l 14-Oct-04 10:33 pli SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 Phenolics < 0.0050 mg/l 26-Oct-04 09:36 lgjfa |
|---|
| Chloride, Dissolved 28. mg/l 14-Oct-04 10:33 pli SM METHOD 4500 CN C,E / SW-846 METHOD 9012 Cyanide, Total < 0.0050 mg/l 19-Oct-04 10:42 lgjfa SM METHOD 4500 NH3 D / EPA METHOD 350:1 (Phenate) Nitrogen, Ammonia as N, Diss. < 0.090 mg/l 25-Oct-04 09:51 TCH EPA METHOD 300:0 rev 2:1 Nitrate as N, Diss. 4.5 mg/l 14-Oct-04 10:33 pli SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420:2 |
| SM METHOD 4500 CN C,E / SW-846 METHOD 9012 Cyanide, Total < 0.0050 mg/l 19-Oct-04 10:42 lgjfa SM METHOD 4500 NH3 D / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss. < 0.090 mg/l 25-Oct-04 09:51 TCH EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss. 4.5 mg/l 14-Oct-04 10:33 pli SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 |
| SM METHOD 4500 NH3 D / EPA METHOD 350.1 (Phenate) Nitrogen, Ammonia as N, Diss. < 0.090 mg/l 25-Oct-04 09:51 TCH EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss. |
| Nitrogen, Ammonia as N, Diss. < 0.090 mg/l 25-Oct-04 09:51 TCH EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss. 4.5 mg/l 14-Oct-04 10:33 pli SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 |
| EPA METHOD 300.0 rev 2.1 Nitrate as N, Diss. 4.5 mg/l 14-Oct-04 10:33 pli SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 |
| Nitrate as N, Diss. 4.5 mg/l 14-Oct-04 10:33 pli SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 / EPA METHOD 420.2 |
| |
| |
| EPA METHOD 300.0 rev. 2.1 |
| Sulfate, Dissolved 24. mg/l 14-Oct-04 10:33 pli |
| SM METHOD 2540 C |
| Solids, Total Dissolved, Filtered 390 mg/l 15-Oct-04 13:47 KD |
| SW-846 METHOD 6010B Boron, Dissolved 27. ug/l 18-Oct-04 08:45 ERS |
| Iron, Dissolved 12. ug/1 18-Oct-04 08:45 ERS |
| EW-846 METHOD 6020 |
| Arsenic, Dissolved < 1.0 ug/l 19-Oct-04 10:00 KJP |
| Cadmium, Dissolved < 1.0 ug/l 19-Oct-04 10:00 KJP |
| Manganese, Dissolved 11. ug/l 19-Oct-04 10:00 KJP |
| Lead, Dissolved < 1.0 ug/l 19-Oct-04 10:00 KJP |
| Zinc, Dissolved 29. ug/l 19-Oct-04 10:00 KJP |



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Laboratory Results

Waste Group 5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 13-Oct-04 Date Reported: 29-Oct-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 04102599

Sample No:

04102599-5

Client ID: Site:

PAGEL/NORTH

Locator:

G36S

PAGEL PIT

Collect Date:

12-OCT-04 14:17

| Parameter | | Result | Units | Date | Ву |
|--|-------------------|--------|---------|-----------------|-------------|
| EPA METHOD 300.0 rev 2.1 | | | | | |
| Chloride, Dissolved | | 33. | mg/l | 14-Oct-04 10:49 | pli |
| SM METHOD 4500 CN C.E / SW-846 METHOD | 0012 | 33. | 11197 1 | 14-000-04 10:49 | PIT |
| Cyanide, Total | | 0.0050 | ma / 1 | 19-Oct-04 10:43 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350 | < া ⁄চৌন | | mg/l | 19-001-04 10:43 | rgjra |
| | | | mar / 1 | 25-Oct-04 09:51 | TCH |
| Nitrogen, Ammonia as N, Diss. | < | 0.090 | mg/1 | 25-000-04 09:51 | ICH |
| EPA METHOD 300.0 rev 2.1 | | 1.0 | /1 | 14 0=+ 04 10 40 | ~1 <i>±</i> |
| Nitrate as N, Diss. | e Secondario (SEC | 12. | mg/l | 14-Oct-04 10:49 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 906 | | | | 26 075 04 00 44 | 1 |
| Phenolics | < | 0.0050 | mg/1 | 26-Oct-04 09:44 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | | /3 | 14 0-1 04 10 40 | 2 4 |
| Sulfate, Dissolved | | 28. | mg/1 | 14-Oct-04 10:49 | pli |
| SM METHOD 2540 C | _ | | 4.5 | | |
| Solids, Total Dissolved, Filtered | 1 | 420 | mg/l | 15-Oct-04 13:48 | KD |
| SW-846 METHOD 6010B | | | | | |
| Boron, Dissolved | | 28. | ug/l | 18-Oct-04 08:45 | ERS |
| Iron, Dissolved | < | 10. | ug/l | 18-Oct-04 08:45 | ERS |
| SW-846 METHOD 6020 | | | | | |
| Arsenic, Dissolved | < | 1.0 | ug/l | 19-Oct-04 10:00 | KJP |
| Cadmium, Dissolved | < | 1.0 | ug/l | 19-Oct-04 10:00 | KJP |
| Manganese, Dissolved | < | 1.0 | ug/l | 19-Oct-04 10:00 | КJР |
| Lead, Dissolved | < | 1.0 | ug/l | 19-Oct-04 10:00 | KJP |
| Zinc, Dissolved | < | 6.0 | ug/l | 19-Oct-04 10:00 | KJP |
| | | | | | |



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18-Oct-04 08:45

18-Oct-04 08:45

19-Oct-04 10:00

19-Oct-04 10:00

19-Oct-04 10:00

19-Oct-04 10:00

19-Oct-04 10:00

ERS

ERS

KJP

KJP

KJP

KJP

KJP

Laboratory Results

Waste Group

Boron, Dissolved

Arsenic, Dissolved Cadmium, Dissolved

Manganese, Dissolved

Iron, Dissolved

Lead, Dissolved

Zinc, Dissolved

SW-846 METHOD 6020

5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 13-Oct-04 Date Reported: 29-Oct-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 04102599

Sample No:

04102599-6

Client ID:

PAGEL/NORTH G38S

Site: Locator:

PAGEL PIT

Collect Date:

12-OCT-04 14:52

| | Parameter | Result | Units | Date | Ву |
|-------|--|--------------|-------|-----------------|-------|
| EI | PA METHOD 300.0 rev 2.1 | | | | |
| 96969 | Chloride, Dissolved | 300 | mg/l | 27-Oct-04 16:52 | pli |
| SI | METHOD 4500 CN C,E / SW-846 METHOD 9012 | | | | |
| | Cyanide, Total < | 0.0050 | mg/1 | 19-Oct-04 10:44 | lgjfa |
| SI | 4 METHOD 4500 NH3 D / EPA METHOD 350.1 (P) | ienate) | | | |
| | Nitrogen, Ammonia as N, Diss. | 84. | mg/l | 25-Oct-04 09:51 | TCH |
| EI | PA METHOD 300.0 rev 2.1 | | | | |
| **** | Nitrate as N, Diss. | 0.75 | mg/l | 14-Oct-04 11:04 | pli |
| SI | METHOD 5530 B,D / SW-846 METHOD 9066 / E | epa method 4 | 420.2 | | |
| 0.00 | Phenolics < | 0.0050 | mg/l | 26-Oct-04 09:49 | lgjfa |
| EI | PA METHOD 300.0 rev. 2.1 | | | | |
| 16765 | Sulfate, Dissolved | 18. | mg/1 | 26-Oct-04 22:02 | pli |
| SN | 1 METHOD 2540 C | | | | _ |
| AAAAA | Solids, Total Dissolved, Filtered | 1000 | mg/1 | 15-Oct-04 13:48 | KD |
| SV | V-846 METHOD 6010B | | | | |
| 77777 | | | | | |

440

3.3

1.0

740

1.0

6.0

1400

uq/l

ug/1

ug/1

ug/l

ug/1

ug/l

ug/l



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Laboratory Results

Waste Group 5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 13-Oct-04 Date Reported: 29-Oct-04

PO #: Pagel N-GW PDC Cust. # : 209324

Login No. 04102599

Sample No: Client ID:

04102599-7

Site:

PAGEL/NORTH R42S

Locator:

PAGEL PIT

Collect Date: 12-OCT-04 14:00

| Parameter | | Result | Units | Date | Ву |
|--|------------|--------|------------------|------------------|---------------|
| | | | | | |
| EPA METHOD 300.0 rev 2.1 | | | | | |
| Chloride, Dissolved | . 30% . 50 | 110 | mg/1 | 27-Oct-04 17:07 | pli |
| SM METHOD 4500 CN C,E / SW-846 METHOD 90 | 912 | | | | |
| Cyanide, Total | < | 0.0050 | mg/1 | 22-Oct-04 08:11 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350.1 | (Phe | | 4- | | |
| Nitrogen, Ammonia as N, Diss. | | 1.4 | mg/1 | 25-Oct-04 09:51 | TCH |
| EPA METHOD 300.0 rev 2.1 | | | /2 | | |
| Nitrate as N, Diss. | | 0.035 | mg/l | 14-Oct-04 11:19 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 | | | | 26 0 = | 1 |
| Phenolics | < | 0.0050 | mg/l | 26-Oct-04 09:50 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | 7.7 | m~/1 | 14-Oct-04 11:19 | -1 <i>-</i> 1 |
| Sulfate, Dissolved SM METHOD 2540 C | | 1.1 | mg/l | 14-000-04 11:19 | pli |
| Solids, Total Dissolved, Filtered | | 960 | mg/l | 15-Oct-04 13:48 | KD |
| SW-846 METHOD 6010B | | 500 | mg/ ± | 13 000 04 13.40 | |
| Boron, Dissolved | | 64. | ug/l | 18-Oct-04 08:45 | ERS |
| Iron, Dissolved | | 40000 | ug/l | 18-Oct-04 08:45 | ERS |
| SW-846 METHOD 6020 | | 10000 | ~3/ - | 20 000 01 000.20 | 2.10 |
| Arsenic, Dissolved | | 44. | ug/l | 19-Oct-04 10:00 | KJP |
| Cadmium, Dissolved | < | 1.0 | ug/l | 19-Oct-04 10:00 | KJP |
| Manganese, Dissolved | | 560 | ug/l | 19-Oct-04 10:00 | KJP |
| Lead, Dissolved | < | 1.0 | ug/l | 19-Oct-04 10:00 | KJP |
| Zinc, Dissolved | < | 6.0 | ug/l | 19-Oct-04 10:00 | KJP |



Site

L315

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Report Cover Page

Waste Group 5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 13-Oct-04 Date Reported: 28-Oct-04

PO #: Pagel N-LCH PDC Cust. # : 209324

Login No. 04102595

This report includes information regarding the following described samples as received by the laboratory and is only valid for the parameters tested. This report contains 2 results page(s) not including the cover page(s).

Sample No. Client ID

Locator

04102595-1

PAGEL/NORTH/LCH

PAGEL PIT

Certified by: Nacty W. Sthert Project Manager

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NELAC Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230

State of Illinois Certification for Bacteriological Analysis in Drinking Water -Lab Registry No. 17533

Drinking Water Certifications: Indiana (C-IL-04); Kansas (E-10338); Kentucky (90058); Missouri (00870); Wisconsin (998294430)

Wastewater Certifications: Arkansas; Iowa (240); Kansas (E-10338); Wisconsin (998294430)

Hazardous/Solid Waste Certifications: Arkansas; Kansas (E-10338); Wisconsin (998294430)

UST Certification: Iowa (240)

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Laboratory Results

Waste Group 5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 13-Oct-04 Date Reported: 28-Oct-04

PO #: Pagel N-LCH PDC Cust. # : 209324

Login No. 04102595

Sample No: 04102595-1

Client ID: PAGEL/NORTH/LCH

Site: L315

Locator: PAGEL PIT

Collect Date: 13-OCT-04 09:43

| Parameter | | Result | Units | Date | Ву |
|--|---|--------------|--------------|-----------------|--------|
| han soon as a soon of the soon | | | | | |
| SM METHOD 5210 B | | | | | |
| Biochemical Oxygen Demand | | 700 | ${\sf mg/l}$ | 14-Oct-04 12:42 | JK/JAM |
| SM METHOD 4500 CN C,E / SW-846 METHOD | 9012 | | | | |
| Cyanide, Total | P | 0.0071 | mg/l | 19-Oct-04 10:39 | lgjfa |
| SM METHOD 5220 D | | | | | |
| Chemical Oxygen Demand | | 8700 | mg/1 | 20-Oct-04 10:35 | JAM |
| SM METHOD 3500 Cr D / SW-846 METHOD 7 | 196A | | | | |
| Chromium, Hexavalent | <q< td=""><td>5.0</td><td>mg/l</td><td>14-Oct-04 09:35</td><td>JK</td></q<> | 5.0 | mg/l | 14-Oct-04 09:35 | JK |
| SM METHOD 4500 F C | | | | | |
| Fluoride | | 1.3 | mg/l | 15-Oct-04 07:30 | ESH |
| EPA METHOD 1664 rev. February 1999 | | | | | |
| Hexane Ext. Material (HEM) by SPI | Ξ | 10. | mg/1 | 20-Oct-04 16:00 | JS |
| SM METHOD 4500 NH3 D / EPA METHOD 350 | .1 (Ph | enate) | | | |
| Nitrogen, Ammonia as N | | 3900 | mg/1 | 25-Oct-04 12:55 | lgtara |
| SM METHOD 5530 B,D / SW-846 METHOD 900 | 56 / E | PA METHOD 4: | 20.2 | | - |
| Phenolics | | 1.6 | mg/l | 26-Oct-04 11:30 | lgjfa |
| SM METHOD 2540 C | | | | | |
| Solids, Total Dissolved | | 18000 | mg/l | 14-Oct-04 07:28 | KD |
| SM METHOD 2540 D | | | | | |
| Solids, Total Suspended | | 52. | mg/1 | 14-Oct-04 13:36 | KJB |
| SW-846 METHOD 3015 | | | | | |
| Sample Preparation | | | | 14-Oct-04 09:30 | NJS |
| SW-846 METHOD 6010B | | | | | |
| Iron | | 4.6 | mg/l | 18-Oct-04 08:35 | ERS |
| SW-846 METHOD 6020 | | | | | |
| Silver | < | 0.0050 | mg/1 | 14-Oct-04 11:00 | KJP |
| Arsenic | | 0.91 | mg/l | 14-Oct-04 11:00 | KJP |
| Barium | | 0.68 | mg/1 | 14-Oct-04 11:00 | KJP |
| Cadmium | < | 0.0010 | mg/l | 14-Oct-04 11:00 | KJP |
| Chromium | | 0.76 | mg/l | 14-Oct-04 11:00 | KJP |
| Copper | | 0.037 | mg/1 | 14-Oct-04 11:00 | KJP |
| Mercury | < | 0.00020 | mg/l | 15-Oct-04 09:00 | KJP |
| Manganese | | 0.047 | mg/1 | 14-Oct-04 11:00 | KJP |
| | | | | | |



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Laboratory Results

Waste Group

5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Date Received: 13-Oct-04 Date Reported: 28-Oct-04

PO #: Pagel N-LCH PDC Cust. # : 209324

Login No. 04102595

Attn: Mr. Evan Buskohl

Sample No: 04102595-1

Client ID: PAGEL/NORTH/LCH

Site: L315

Locator: PAGEL PIT

Collect Date: 13-OCT-04 09:43

| Parameter | | Result | Units | Date | Ву |
|------------------------------------|---|--------|------------|-----------------|-----|
| Nickel | | 0.61 | mg/l | 14-Oct-04 11:00 | кјр |
| Phosphorus | | 24. | mg/1 | 14-Oct-04 14:00 | KJP |
| Lead | | 0.0050 | mg/l | 15-Oct-04 09:00 | KJP |
| Zinc | | 0.073 | mg/l | 14-Oct-04 11:00 | KJP |
| SM METHOD 9222 D Fecal Coliform | < | 10 | cfu/100 ml | 13-Oct-04 17:10 | BDL |

DATA QUALIFIERS APPLICABLE TO THE "STANDARD QC" PROGRAM

| Α | The presence of this analyte was confirmed using a second column but there was a disparity ($> 40\%$ RPD) between the two sets of results with no apparent chromategraphic anomalies. The lower of the two results was reported. |
|----|---|
| В | present in the method blank at |
| С | The batch control sample failed to meet the required acceptance criteria. |
| D | Result obtained through analysis of a sample dilution. |
| E | Concentration exceeds the instrument calibration range. |
| F | Internal standard area failed to meet the required acceptance criteria in duplicate analyses. Results should be interpreted as estimated concentrations. |
| G | The Method of Standard Additions (MSA) was used to quantify the concentration. |
| Н | Test performed after the expiration of the appropriate regulatory/advisory maximum allowable hold time. |
| J | Estimated value; value between the MDL and the RDL. |
| M | Analyte failed to meet the required acceptance criteria for duplicate analysis. |
| P | Chemical preservation discrepancy noted at the time of analysis. |
| Q | Analyte failed to meet the required acceptance criteria for spike recovery in the Matrix Spike (MS) and Matrix Spike Duplicate (MSD) due to apparent matrix effects. |
| R | Analyte failed to meet the required acceptance criteria for relative percent difference (RPD) between the Matrix Spike and Matrix Spike Duplicate (MS/MSD). |
| S | Surrogate compound diluted below a reliable quantitation level. |
| T | Surrogate recovery failed to meet the required acceptance criteria in initial analysis. Sample was reextracted (if applicable) and re-analyzed, and the surrogate recovery was outside of the required acceptance criteria on the second analysis, also. Results should be interpreted as estimated concentrations. |
| U | Parameter was analyzed for, but not detected above the reporting limit. |
| V | Verification standard recovery failed to meet the required acceptance criteria. |
| W | Surrogate recovery failed to meet the required acceptance criteria in initial analysis. Sample was reextracted (if applicable) beyond the maximum allowable held time, and re-analyzed. The surrogate recovery was within the required acceptance criteria on this second analysis. |
| NA | Not analyzed. |
| ٧R | Not requested. |
| K | Miscellaneous; see comments. |

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Report Cover Page

Waste Group

5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Date Received: 12-Oct-04 Date Reported: 27-Oct-04

PO #: Pagel N-GW PDC Cust. # : 209324

Login No. 04102355

Attn: Mr. Evan Buskohl Copy: Ms. Kim Van Pelt, c/o Andrews, 3535 Mayflower Blvd, Springfield, IL, 62711-9405

This report includes information regarding the following described samples as received by the laboratory and is only valid for the parameters tested.

This report contains 2 results page(s) not including the cover page(s). Sample No. Client ID Site Locator PAGEL/NORTH FIELD BLANK #1 PAGEL PIT 04102355-1 EQUIPMENT BLANK PAGEL PIT PAGEL/NORTH 04102355-2

Certified by:

Dorothy W. Rothert, Project Manager

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Laboratory Results

Waste Group

5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 27-Oct-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 04102355

Sample No:

04102355-1

Client ID:

PAGEL/NORTH

Locator: PAGEL PIT

Site: FIELD BLANK #1

Collect Date:

12-OCT-04 11:45

| Parameter | | Result | Units | Date | Ву |
|--|-----------|--------|--------------|------------------------------------|------------|
| EPA METHOD 300.0 rev 2.1 | | | | | |
| Chloride, Dissolved | < | 1.0 | mg/l | 13~Oct-04 18:04 | pli |
| SM METHOD 4500 CN C,E / SW-846 METHOD 9 | 012 | | J. | | • |
| Cyanide, Total | < | 0.0050 | mg/1 | 14-Oct-04 09:48 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350.1 | . (Ph | enate) | | | |
| Nitrogen, Ammonia as N, Diss. | < | 0.090 | mg/1 | 22-Oct-04 11:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | /3 | | |
| Nitrate as N, Diss. | < -⁄∺a | 0.020 | mg/l | 13-Oct-04 18:04 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 Phenolics | | 0.0050 | | 20-Oct-04 08:41 | 1 and fin |
| EPA METHOD 300.0 rev. 2.1 | < | 0.0050 | mg/l | 20-000-04 08:41 | lgjfa |
| Sulfate, Dissolved | < | 1.0 | mg/l | 13-Oct-04 18:04 | pli |
| SM METHOD 2540 C | | 4.5 | 57 = | | 1 |
| Solids, Total Dissolved, Filtered | < | 17. | mg/l | 14-Oct-04 07:28 | KD |
| SW-846 METHOD 6010B | | | | | |
| Boron, Dissolved | < | 10. | ug/1 | 15-Oct-04 10:00 | ERS |
| Iron, Dissolved | < | 10. | ug/1 | 15-Oct-04 10:00 | ERS |
| SW-846 METHOD 6020 | | | 4- | | |
| Arsenic, Dissolved | < | 1.0 | ug/l | 18-Oct-04 10:00 | KJP |
| Cadmium, Dissolved | < | 1.0 | ug/l | 18-Oct-04 10:00 | KJP |
| Manganese, Dissolved | < < | 1.0 | ug/l | 18-Oct-04 10:00 18-Oct-04 10:00 | KJP KJP |
| Lead, Dissolved Zinc, Dissolved | < | 6.0 | ug/l ug/l | 18-Oct-04 10:00 | KJP |
| Bine, Dissolved | - | · · · | 49/ + | 10 000 04 10.00 | |



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Laboratory Results

Waste Group

5450 Wansford Way, Suite 201B

Rockford, IL 61109-1759

Attn: Mr. Evan Buskohl

Date Received: 12-Oct-04 Date Reported: 27-Oct-04

PO #: Pagel N-GW

PDC Cust. # : 209324

Login No. 04102355

Sample No:

04102355-2

Client ID:

PAGEL/NORTH

Site:

EQUIPMENT BLANK

Locator:

PAGEL PIT

Collect Date:

12-OCT-04 12:00

| Parameter | | Result | Units | Date | | Ву |
|---|------|---------------|------------|-------------|-------|-------|
| | | | | | | |
| EPA METHOD 300.0 rev 2.1 | | | 4- | | | |
| Chloride, Dissolved | < | 1.0 | mg/l | 13-Oct-04 1 | .8:19 | pli |
| SM METHOD 4500 CN C,E / SW-846 METHOD 9 | 012 | | | | | |
| Cyanide, Total | < | 0.0050 | mg/l | 14-Oct-04 0 | 9:55 | lgjfa |
| SM METHOD 4500 NH3 D / EPA METHOD 350.1 | (Phe | nate) | | | | |
| Nitrogen, Ammonia as N, Diss. | < | 0.090 | mg/l | 22-Oct-04 1 | .1:07 | JLC |
| EPA METHOD 300.0 rev 2.1 | | | | | | |
| Nitrate as N, Diss. | < | 0.020 | mg/l | 13-Oct-04 1 | 8:19 | pli |
| SM METHOD 5530 B,D / SW-846 METHOD 9066 | / EP | A METHOD 420. | 2 | | | _ |
| Phenolics | < | 0.0050 | mg/l | 20-Oct-04 1 | .1:30 | lgjfa |
| EPA METHOD 300.0 rev. 2.1 | | | _ | | | |
| Sulfate, Dissolved | < | 1.0 | mg/l | 13-Oct-04 1 | .8:19 | pli |
| SM METHOD 2540 C | | | | | | - |
| Solids, Total Dissolved, Filtered | < | 17. | mg/l | 14-Oct-04 0 | 7:28 | KD |
| SW-846 METHOD 6010B | | | . | | | |
| Boron, Dissolved | < | 10. | ug/l | 15-Oct-04 1 | 0:00 | ERS |
| Iron, Dissolved | < | 10. | ug/l | 15-Oct-04 1 | 0:00 | ERS |
| SW-846 METHOD 6020 | | | J . | | | |
| Arsenic, Dissolved | < | 1.0 | ug/l | 18-Oct-04 1 | 0:00 | KJP |
| Cadmium, Dissolved | < | 1.0 | ug/l | 18-Oct-04 1 | | KJP |
| Manganese, Dissolved | < | 1.0 | ug/l | 18-Oct-04 1 | | KJP |
| Lead, Dissolved | < | 1.0 | ug/1 | 18-Oct-04 1 | | KJP |
| Zinc, Dissolved | < | 6.0 | ug/l | 18-Oct-04 1 | | KJP |
| | | * | · • · · | | | |

| Site/Project Name | /Permit No. | Page | l Pit | N | | | | | | |
|---------------------------|-----------------------|--------------------------------------|----------------|-------------------|--------------------------------------|----------------|----------------|---|--|--|
| Monitoring Well/Po | oint 💪 🗸 | $3 m_{\alpha}$ | Date | e: / <i>O [)</i> | z /4 | _ | Start Time: | 1100 |) | |
| Field Personnel: | | SMB | | | 7 | | _Finish Time | : 11 / |) | _ |
| Well Depth (Bottor | n) From MP: | | 72.40 | Oft | | | | | | - |
| Depth to Water Fro | | urges) | 4299 | 7 ft | Well Wate | r Volume: | | gal | | |
| Water Column Ler | | 3-17 | | ft | Water Eva | | | gal | | |
| (Pipe ID: 1.5" - 0.092 ga | l/ft, 2"-0.16 gal/ft, | 2.5 - 0.26 gal/fi | 1) | | 114(0) 214 | odaica. | | gui | | |
| Evacuated with: | Teflor | n Bailer | w | aterra | Bladde | r | _Electric Pum | np | Other | (specify) |
| Sampled with: | Teflon | Bailer | Wa | aterra | Bladde | r | _ Electric Pun | ıp | Other | (specify) |
| Sample Appearance | ce: Odor: | LONA | | Color: (| Tear | | Turbidity: 2 | / | | |
| Weather: | _ | 744 | 600 | | | | | | $\overline{\gamma}$ | _ |
| Environment: | 7 | | | \ | 1 1 | / / | 2 | 1 | / | - |
| |) | - | un | - /- k | 1 e y | G V | TRUN - | <u>Carl</u> | | - |
| Remarks/Well Con | iditi <u>on:</u> | | | · / | | | | | | - |
| Time Collecte | ed Para | ameter (| (| | We | ell Integrity | Form | | Yes | No |
| Unfiltered: | | | | | well have ident | ification sigr | 1? | | 1 | |
| Y/N | | | | | well have prote | | | · | X_ | |
| Y/N | | | _ | | protective casi | | | | <u> </u> | Ll |
| 7/N Y/N | | | - . | | well free of dar | | good snape? | | | |
| Y/N | | | - | | well cap fit seco well cap vented | | | , | } - | |
| Y/N | | | - | | he area around | | near clean? | | Y | |
| Y/N | | | _ | | casing secure? | | pour dicurr | . | + | |
| Y/N | | tal) (500 m | [) | | ace seal void o | | ound/under th | e base? | 1 7 | |
| Y/N | | | - | | surface seal f | | | · · · · · · · · · · · · · · · · · · · | Ý | |
| Y/N | Ammonia | (500 mL) | <u>-</u> | 11. Is the | surface seal s | loped? | | | X | |
| Y/N | | | _ _ | | locking cap from | | | | | V |
| Y/N | | | _ | | bstruction or k | | | | | |
| | | | | | bladder pump | | | | X | |
| | | | | | re any evidence | | | <u>1? </u> | | - K |
| | | | | | resence of war | | | intod2 | | |
| Filtered: | Field Filter | ed Inorgani | ce V / N | | rease/unnatura | | | | | 1/2 |
| | Metals (50 | • | C3 1 / 14 | | | | | | X | |
| Y/N | | NO _{2/} NO ₃ (50 | _ 00 mL) | 13. Ale II | nere weep hole | s at the bott | oil of casing | | <u> </u> | لـــــا |
| Y/N | General (5 | | - ′ | | | | | | | |
| | | | - | | | | | | | |
| Purge Time | Gal / L | pH | Spec Cor | | _ | Initial | Std | Read | Adjust | |
| 1st Vol | | 700 | 800 | 57.7 | _ | | | | , | |
| 2nd Vol | | 729 | 774 | 59.7 | _ | pН | 4.00 | | 4.00 | |
| 3rd Vol | | 730 | 775 | 285 | | | 7.00 | | 7.00 | |
| | | | | | | | 10.00 | | 10.00 | |
| | | | | | | | | | | |
| | 7 | | | | : | Spec Con | 1000 | | 1000 | 1 |

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| Site/Project Name/Permit No. Pagel Pit V | | |
|---|---|---|
| Monitoring Well/Point Ro35 Date: 10/12/4 | Start Time: / 0 5 | 12 |
| Field Personnel: | Finish Time: 16 5 | ر مراح |
| Well Depth (Bottom) From MP: 52.43 ft | | |
| 11 20 | ater Volume:gal | |
| Water Column Length: ft Water E (Pipe ID: 1.5" - 0.092 gal/ft, 2"-0.16 gal/ft, 2.5 - 0.26 gal/ft) | vacuated: Low gal | |
| Evacuated with: Teflon Bailer Waterra Blad | derElectric Pump | Other (specify |
| Sampled with: Teflon Bailer WaterraX Black | lder Electric Pump _ | Other (specify |
| Sample Appearance: Odor: Non d Color: Class | | |
| Weather: Sunny 45°7 | | |
| Environment: Weift & main Hall of | 1 | |
| | <u> </u> | |
| Remarks/Well Condition: | | |
| Time Collected Parameter | Well Integrity Form | Yes No |
| Unfiltered: 1. Does well have ide | | X |
| Y / N VOA (40mL) 2. Does well have pro | | |
| | asing locked and does key work? damage and in good shape? | - |
| Y/N Organics (1/2 gal) 5. Does well cap fit s | | - - \ , |
| Y/N Phenol (250 mL) 6. Is the well cap ven | | - |
| | und the well appear clean? | - " |
| Y / N Grease & Oil (1 L) 8. Is the casing secur | | |
| | d of erosion around/under the base? | ŷ |
| Y/N General (500 mL) 10. Is the surface sea | | 1 |
| Y/N Ammonia (500 mL) 11. Is the surface sea | al sloped? | Y |
| Y/N 12. Is the locking cap | free of rust? | |
| Y / N 13. Any obstruction o | | Y |
| | np & appurtenances work properly? | X |
| | ence of natural contamination? | |
| | water in annular space? | |
| | ctive casing been recently painted? tural substances on the top of well? | - '}- |
| | oles at the bottom of casing? | X |
| Y / N Ammonia/NO ₂ /NO ₃ (500 mL) | oce at the bottom of cashigr | |
| Y / N General (500 mL) | | |
| Purge Time Gal / L pH Spec Con Temp | Initial Std Read | Adjust |
| 1st Vol (-(e) 760 (g) | | |
| 2nd Vol 693 956 C/ | pH 4.00 | 4.00 |
| 3rd Vol 200 950 59 | 7.00 | 7.00 |
| | 10.00 | 10.00 |
| | 10.00 | 10.00 |
| | Spec Con 1000 | 1000 |

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| Site/Project Name | /Permit No. Page | I PIT | - | · - <u> </u> | | | | | _ |
|---------------------------|--|---------------------------------------|----------------|---------------------------|--------------|---------------------------------------|---------------------------------------|--|---------------|
| Monitoring Well/Po | pint $09D$ | Date | e: 10/12 | 14 | _ | Start Time: | <u> 950</u> | | _ |
| Field Personnel: | DMB | | | | | Finish Time | : 1000 | ソ | _ |
| Well Depth (Bottor | m) From MP: | 51.5°5 | ft | | | | | | - |
| - | om MP (Prepurges) | 4340 | – ft | Well Water | Volume: | | gal | | |
| Water Column Ler | | | — ft | Water Evac | cuated: | | gal | | |
| (Pipe ID: 1.5" - 0.092 ga | l/ft, 2"-0.16 gal/ft, 2.5 - 0.26 gal/ft |) | - '' | √1 | autou. | | _5 | | |
| Evacuated with: | Teflon Bailer | Wa | aterra _ | Bladder | | _ Electric Pur | mp | Other | (specify |
| Sampled with: | Teflon Bailer | Wa | terra | Y Bladder | | Electric Pur | np | Other | (specify |
| | ce: Odor: Non | 2 | Color: | Clear | | Turbidity: | tuas | _ | |
| | ` | Bugn | | 507 | | raibidity. | | | • |
| Weather: | | 72 (16 | 9 a | | | | | | • |
| Environment: | 7/0000- | Sea | | | | | · · · · · · · · · · · · · · · · · · · | | |
| Remarks/Well Con | dition: | · · · · · · · · · · · · · · · · · · · | | | | · · · · · · · · · · · · · · · · · · · | | | |
| | | | | | | _ | | | |
| Time Collecte | ed Paramete | | [4] B | | Il Integrity | | | Yes | No |
| Unfiltered: Y/N | VOA (40mL) | | | ell have identif | | | | | |
| Y/N | TOX (250 mL) | - | | ell have protective casin | | | vork2 | 1 5 | |
| Y/N | TOC (40 mL) | - | | ell free of dam | | | | 1 | |
| 100 Y/N | Organics (1/2 gal) | | | ell cap fit secu | | good snape i | | 1-1/2 | - |
| Y/N | Phenol (250 mL) | - | | ell cap vented | | | | 17 | |
| Y/N | CN- (250 mL) | - | | e area around | | pear clean? | | 1 | į |
| Y/N | Grease & Oil (1 L) | - | | asing secure? | <u></u> 1 | | | | |
| Y/N | Metals (Total) (500 ml | | | e seal void of | erosion are | ound/under th | ne base? | V | |
| Y/N | General (500 mL) | _ | 10. Is the s | surface seal fro | ee of crack | s? | | 1 | |
| Y/N | Ammonia (500 mL) | _ _ | | surface seal si | | | | 7 | |
| Y/N | | _ | | ocking cap fre | | | | | 1/ |
| Y/N | | _ | | struction or kir | | | | | <u> X</u> _ |
| | | | | ladder pump & | | | | X | |
| | | | | any evidence | | | <u>n?</u> | | -X |
| | | | | esence of water | | | -: | | <u> </u> |
| | E. 11 E | | | ell or protective | | | | | |
| Filtered: | Field Filtered Inorganic | CS Y / N | | ease/unnatura | | | | <u> </u> | X |
| Y/N | Metals (500 mL) | _ | 19. Are the | re weep holes | at the bott | om of casing | ? | Y | |
| Y/N | Ammonia/NO ₂ /NO ₃ (50 |)0 mL) | | | | | | | |
| Y/N | General (500 mL) | - | | _ | | | | | |
| Purge Time | Gal / L pH | Spec Con | Temp | | Initial | Std | Read | Adjust | |
| 1st Vol | 1668 | 14/80 | 58.3 | 7 | | - 0.0 | read | Aujust | |
| | | | 382 | - 1 | 11 | 4.00 | | | |
| 2nd Vol | 669 | 1470 | | -{ | pH | 4.00 | | 4.00 | |
| 3rd Vol | 611 | 1468 | 26/ | J | | 7.00 | | 7.00 | |
| | | | , | | | 10.00 | | 10.00 | |
| | | | , | ŀ | | | | | |
| | | | | | Spec Con | 1000 | | 1000 | |

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| Site/Proje | ct Name/f | Permit No. | Page | PIT | | | | | | | _ |
|---------------------|------------------------------|-----------------------|-----------------|-------------|--------------------|--------------------------------|----------------|-----------------|-------------|--|--|
| Monitoring | y Well/Poi | nt 09 | m | Date | e: 10/1 | ر کے | | Start Time | e: 930 | | |
| Field Pers | _ | | 2 me | | | | _ | Finish Tim | 01/2 | | |
| Well Dept | h (Bottom |) From MP: | | 5060 | ft | | | _ | | | - |
| · | • | n MP (Prepu | raes) | 4315 | - ft | Well Wate | er Volume: | | gal | | |
| Water Col | | | 3/ | | — ·· ft | Water Eva | | | _ gal | | |
| | | it. 2"-0.16 gal/ft, 2 | .5 - 0.26 gal/f | (t) | -'' | VValer LVa | icuateu. | | _ yaı | | |
| Evacuated | d with: | Teflon | Bailer | Wa | aterra _ | Bladde | er | _Electric Pu | ımp | Other | (specify |
| Sampled v | vith: _ | Teflon I | Bailer | Wa | terra | _ ✓ Bladde | er | _ Electric Pu | ımp | Other | (specify |
| | _ | e: Odor: h | 000 | | Color: | Clum | <u></u> _ | - Turbiditv: | tran | | |
| Weather: | Spou . G . (6) | Part 1 | 1- | Sunna | 7 6 | 5500 | | rundially. | <u> </u> | | - |
| | | | | R | / | <u>/_J</u> | | | | | - |
| Environme | ent: | 7/00 | 1).e | 51 | | | | | | | |
| Remarks/ | Well Cond | ition: | | | | | | | | | - |
| *** | | _ | | | | 144 | -11 1 4 14 - | 5 | | | 1 11- |
| Time Unfiltered: | Collected | l Para | meter 5 | | 1 Door w | ell have iden | ell Integrity | | | Yes | No |
| Offilitered. | Y/N | VOA (40ml | 1 | | | ell have prote | | | | | |
| | Y/N | TOX (250 r | | - | | rotective casi | | | work? | | |
| 1 1/00 | Y/N | TOC (40 m | | _ | | ell free of da | | | | 1/2 | <u> </u> |
| 443 | Y/N | Organics (1 | | | | ell cap fit sec | | <u> </u> | | 17 | • |
| | Y/N | Phenol (25) | | _ | | ell cap vente | | | | 7 | |
| | Y/N | CN- (250 m | ıL) | _ | | e area aroun | | pear clean? | | Y. | |
| | Y/N | Grease & C | | _ | 8. is the ca | asing secure | ? | | | 7 | |
| | Y/N | Metals (Tot | | <u>L</u>) | | ce seal void o | | | the base? | 1 | |
| | Y/N | General (50 | | _ | | surface seal t | | s? | | 17 | |
| | Y/N | Ammonia (| 500 mL) | | | surface seal | | | | <u> </u> | |
| | Y/N | | | | | locking cap fr | | | | | \ |
| | Y/N | | | _ | | ostruction or k | | | | 1 7 | V |
| | | | | | | oladder pump | | | | X | \ <u>\</u> |
| | | | | | | e any evidence esence of wa | | | on? | | - |
| | | | | | | ell or protective | | | nainted? | | - |
| Filtered: | | Field Filtere | d Inorgani | ics Y / N | | ease/unnatur | | | | | 1 |
| | Y/N | Metals (500 | - | | | ere weep hole | | | | 1 / | X |
| | Y/N | Ammonia/N | | | 13. Ale ale | sie weep note | s at tile bott | on casin | 91 | | |
| | Y/N | General (50 | | _ | | | | | | | |
| | | | | _ | | | | ***** | | | |
| Purge | Time | Gal / L | pH | Spec Con | | | Initial | Std | Read | Adjust | |
| 1st Vol | | ļ | 678 | 1753 | 283 | | | | ., | | |
| 2nd Vol | | | 6.79 | 1760 | 58 | | рH | 4.00 |)[| 4.00 | |
| 3rd Vol | | | 681 | 17.65 | 58 | | | 7.00 | | 7.00 | |
| | | | | | | _ | | 10.00 | | 10.00 | |
| | | | | | | | | | | | |
| | | | | | | | Spec Con | 1000 | - | 1000 | |
| | | ν' | | | | | | | 1 | | |

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| Site/Project Name/Permit No. Pagel Pit | PORTH | | | | | | | |
|---|--|--|---|--|--|--|--|--|
| Monitoring Well/Point 6119 Dat | e: 10-12-04 | Start Time: | | | | | | |
| Field Personnel: | | Finish Time: 8:5 | 2 | | | | | |
| Well Depth (Bottom) From MP: 22.5 | 7 ft | | | | | | | |
| Depth to Water From MP (Prepurges) | | r Volume:gal | | | | | | |
| Water Column Length: (Pipe ID: 1.5" - 0.092 gal/ft, 2"-0.16 gal/ft, 2.5 - 0.26 gal/ft) | ft Water Eva | cuated:gal | | | | | | |
| Evacuated with: Teflon Bailer W | aterra X_Bladde | r Electric Pump | Other (specify | | | | | |
| Sampled with: Teflon Bailer Waterra Bladder Electric Pump C | | | | | | | | |
| Sample Appearance: Odor: Nont Color: Now Turbidity: SCIGHT | | | | | | | | |
| Weather: Closdy 550 | | | | | | | | |
| | DO Gren FIFT | -0 | | | | | | |
| Remarks/Well Condition: PASSIVE S | | | | | | | | |
| | | | | | | | | |
| Time Collected Parameter | | ell Integrity Form | Yes No | | | | | |
| Unfiltered: り Y / N VOA (40mL) | Does well have ident Does well have prote | | 1 * , | | | | | |
| Y/N TOX (250 mL) | | ng locked and does key work? | + + + | | | | | |
| | | nage and in good shape? | | | | | | |
| Y / N Organics (1/2 gal) | 5. Does well cap fit secu | | 7 | | | | | |
| N Phenol (250 mL) | 6. Is the well cap vented | | 7 | | | | | |
| (Y/N CN- (250 mL) | | the well appear clean? | | | | | | |
| Y/N Grease & Oil (1 L) | 8. Is the casing secure? | | 1 | | | | | |
| Y / N Metals (Total) (500 mL) | | f erosion around/under the base? | ブ | | | | | |
| Y / N General (500 mL) | 10. Is the surface seal for | | 1 | | | | | |
| Y / N Ammonia (500 mL) | 11. Is the surface seal s | | | | | | | |
| Y/N | 12. Is the locking cap from | | | | | | | |
| Y/N | 13. Any obstruction or k | | A | | | | | |
| | | & appurtenances work properly? e of natural contamination? | | | | | | |
| | 16. Any presence of wat | | 1 3 | | | | | |
| | | e casing been recently painted? | 1 2 | | | | | |
| Filtered: Field Filtered Inorganics Y/N | | al substances on the top of well? | | | | | | |
| (Y/N Metals (500 mL) | | s at the bottom of casing? | - | | | | | |
| M/N Ammonia/NO ₂ /NO ₃ (500 mL) | 10.740 0.010 1.000 | o drane pottern or easing. | | | | | | |
| M General (500 mL) | | | ··· | | | | | |
| Purge Time Gal / L pH Spec Cor | n Temp | Initial Std Read | Adjust | | | | | |
| 1st Vol 7.25 716 | 1124 | | | | | | | |
| 2nd Vol | | pH 4.00 | 4.00 | | | | | |
| 3rd Vol | | 7.00 | 7.00 | | | | | |
| Transfer | <u> </u> | | | | | | | |
| | ĺ | 10.00 | 10.00 | | | | | |
| \cap | | Spec Con 1000 | 1000 | | | | | |

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| Site/Project Name | /Permit No. | Page | | | | | | | , | _ |
|---|--|-------------------|----------|-------------|------------------|---------------|-----------------|-------------|--|--|
| Monitoring Well/Po | oint <u> </u> | 30 | _ Date | e: 10/12/ | 14 | _ | Start Time: | 1420 | | _ |
| Field Personnel: | <u>' </u> | 1/3 | | | | | Finish Time | 1430 | 2 | _ |
| Well Depth (Botton | m) From MP: | | 1610 | ft | | | | | | |
| Depth to Water Fr | om MP (Prepu | ırges) | 7.29 | ft | Well Water | r Volume: | | gal / | | |
| Water Column Ler (Pipe ID: 1.5" - 0.092 ga | ngth: vft, 2"-0.16 gal/ft, 2 | 2.5 - 0.26 gal/ft | | _ft | Water Eva | cuated: | <u>Low 7</u> | gal ow | | |
| Evacuated with: | Teflon | Bailer | Wa | aterra _ | X Bladde | r | _ Electric Pum | ıp | Other | (specify |
| Sampled with: | Teflon | Bailer | Wa | ıterra | √ Bladde | r | _ Electric Pum | ip | Other | |
| Sample Appearance | ce: Odor: | ronu | 2 | Color: C | lac | | Turbidity: Z | wacce. | | _ |
| Weather: | Sunn | y Con | 007 | | 4 | | | | | _ |
| Environment: | Dun | Zna | mel | Wood | 5 | | | | | _ |
| Remarks/Well Cor | ıdition: | 0 | | | | | | | | _ |
| Time Callege | | | | | 10/0 | ll Intogrity | Earm | | Yes | No |
| Time Collecte Unfiltered: | eo Para | meter C | 2 | 1 Does we | ell have ident | Il Integrity | | | Tes | NO |
| Y/N | VOA (40m | L) | | | ell have prote | | | | + | 7 |
| 1/2/1 Y/N | | | - | | | | nd does key w | ork? | 1 | |
| 74.34 Y/N | TOC (40 m | L) | _ | | | | good shape? | | Y | |
| Y/N | | | _ | | ell cap fit secu | | | | IY | |
| Y/N Y/N Y/N Y/N Y/N Y/N | | | _ | | ell cap vented | | | | ΙΥ, | |
| Y/N | | | _ | | | | pear clean? | | Y | |
| Y/N Y/N | | | _ | | sing secure? | | a | <u> </u> | Y. | - |
| Y/N | | | _) | | urface seal fi | | ound/under th | e base? | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | |
| Y/N | | | - | | urface seal s | | 21 | | | <u> </u> |
| Y/N | | 0002) | - | | ocking cap fre | | | | 1- | V |
| Y/N | | | - | | struction or k | | vell? | | | 7 |
| | | | | | | | ances work pr | operly? | X | |
| | | | | | | | contamination | 1? | | Y |
| | | | | | sence of wat | | | | | Y |
| | Ciald Ciltar | ad Imagenesi | V / M | | | | en recently pa | | | V |
| Filtered: | Field Filtere | _ | CS 1/N | | | | es on the top o | | | <i>Y</i> |
| Y/N | Metals (500 | | | 19. Are the | re weep hole | s at the bott | tom of casing? | ? | 1 | |
| Y/N | Ammonia/N | | JO ML) | | | | | | | |
| Y/N | General (50 |)0 mL) | - | | 1 | | | | | l |
| Purge Time | Gal / L | рН | Spec Con | | _ | Initial | Std | Read | Adjust | |
| 1st Vol | | 736 | 710 | 541 |] | | | | | |
| 2nd Vol | | 7.410 | 710 | 54.1 |] | рH | 4.00 | | 4.00 | |
| 3rd Vol | | 7.40 | 710 | 341 |] | | 7.00 | | 7.00 | |
| | | | | | - | | 10.00 | | 10.00 | |

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Sampler's Signature: _

1000

1000

Spec Con

| GROUNDWATER SAMPLING RECORD |
|-----------------------------|
|-----------------------------|

| Site/Project Name/Permit No. Pagel Pit | Λ | | | | |
|--|--|----------------|--------------------|----------------------|--|
| Monitoring Well/Point 6:137 Date: | 10/12 | | Start Time: | 10 5 | |
| Field Personnel: | | | Finish Time: | 715 | _ |
| Well Depth (Bottom) From MP: 7/9/_ft | | | | | |
| Depth to Water From MP (Prepurges) | Well Wate | r Volume: | gal | ر از ر | _ |
| Water Column Length: (Pipe ID: 1.5" - 0.092 gat/ft, 2"-0.16 gal/ft, 2.5 - 0.26 gal/ft) | Water Eva | cuated: | gal | Low Flo | W |
| Evacuated with: Teflon Bailer Water | ra <u> </u> | er | _Electric Pump | Other | (specify) |
| Sampled with: Teflon Bailer Watern | ra <u>1</u> Bladde | | _ Electric Pump | Other | (specify) |
| Sample Appearance: Odor: Nonce | olor: Clear | | Turbidity: £ | rance | |
| Weather: Clands 45" 7 Environment: Damp Grant | | | | | |
| Environment: Damp Grant |) | | | | |
| Remarks/Well Condition: | | | | | - |
| | | | | | - |
| Time Collected Parameter | | ell Integrity | | Yes | No |
| Unfiltered: [1] | Does well have ident | | | | 1-1/2-1 |
| | Does well have prote Is the protective casi | | | , , , - | 1 |
| | Is the well free of da | | | ' | 1 |
| | Does well cap fit sec | | good snape: | | |
| | is the well cap vente | | | | |
| | Does the area aroun | | pear clean? | | |
| | Is the casing secure | | pour cicuir. | | |
| | Is surface seal void of | | ound/under the ba | ase? | |
| |). Is the surface seal f | | | 7 | |
| | I. Is the surface seal s | | | 1 | |
| | 2. Is the locking cap fr | | | | |
| Y/N13 | 3. Any obstruction or l | kinks in the w | rell? | | 1 |
| | i. Does bladder pump | & appurtent | ances work prope | rly? | |
| | Is there any evidence | | | | |
| | 3. Any presence of wa | | | | |
| | . Has well or protective | | | | |
| // N | 3. Any grease/unnatur | al substance | s on the top of we | | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |
| | . Are there weep hole | es at the bott | om of casing? | IX. | |
| N Ammonia/NO ₂ /NO ₃ (500 mL) | | | | | |
| Y) N General (500 mL) | | | | | - |
| Purge Time Gal / L pH Spec Con | Temp | Initial | Std F | Read Adjust | |
| | 38 | - Include | - Ota - 1 | teau Aujust | 4 |
| 10(10) | | l | 4.00 | 1 400 | ₫ |
| | 53 S3 Z | рH | 4.00 | 4.00 | 7 |
| 3rd Vol 6.70 1483 | ر در | | 7.00 | 7.00 | 1 |
| | | | 10.00 | 10.00 | 1 |
| | | 1 | | |] |
| | | Spec Con | 1000 | 1000 | 4 |

| Site/Project | Name/F | Permit No. | Page | l Pit | <i>V</i> | | | | | | |
|-----------------------------------|-------------------------|------------------------------|--------------------|----------------|---------------|---------------------------------|----------------|----------------|-------------|--|--|
| Monitoring \ | Well/Poi | nt 6 1 | 3.s | Date | e: <u>10/</u> | 12/1 | _ | Start Time: | 800 | | _ _ |
| Field Person | nnel: | - Ju | <u>B</u> | | | | | Finish Time: | 900 | | |
| Well Depth | (Bottom) | From MP: | | 45.89 | ft | | | | | | |
| Depth to Wa | ater Fron | n MP (Prepu | rges) | 41.15 | _ft | Well Wate | er Volume: | | gal_ () | | |
| Water Colur (Pipe ID: 1.5" - 0 | nn Leng 0.092 gal/ft | th: , 2"-0.16 gal/ft, 2 | :.5 - 0.26 gal/ft) | | _ ft | Water Eva | cuated: | 1-1 | Cast Ca | 55.V | L. |
| Evacuated v | vith: | Teflon | Bailer | Wa | aterra | Bladde | er | _ Electric Pum | р | Other | (specify) |
| Sampled wit | !h: | Teflon I | Bailer | Wa | iterra | Bladde | er | _ Electric Pum | р | Other | (specify) |
| Sample App | earance | : Odor: V | 1 0 n 4 | | Color: | \triangle | | Turbidity: | | | _ |
| Weather: | | Clou: | 45 | 5007 | \bigcirc | | | | | | _ |
| Environment | t: | Dam | 10 G | rom | | | | | | | - |
| Remarks/We | ell Condi | tion: | , | | | | | | | | • |
| | | | | | | | | | | <u> </u> | - |
| | Collected | Para | meter (| 10) | 4 5 | | ell Integrity | | | Yes | No |
| Unfiltered: | (Y)N | VOA (40mL | _) | 3 | | well have ident | | | | | } |
| | Y/N | TOX (250 n | | _ | | protective casi | | | ork? | 17 | |
| 700 | Y/N | TOC (40 m | L) | _ | | well free of dar | | | | | |
| | Y/N | Organics (1 | | _ | | well cap fit sec | | | | 17 | |
| | MN | Phenol (250 | | - | 6. Is the | well cap vente | d? | | | Y | |
| | ₩, N | CN- (250 m | | - | | he area aroun | | pear clean? | | | |
| | Y/N | Grease & C | | - , | | casing secure | | | . haza0 | / _ | |
| | У/И (У́)И | Metals (Total General (50 | | <u>-</u>) | | ace seal void of surface seal f | | | base? | 1-8- | |
| | Y/N | Ammonia (| | - | | surface seal s | | 51 | | | |
| | Y/N | 7 | 20 (III.2) | - | | locking cap fr | | | | | 1 |
| | Y/N | | | - | | bstruction or k | | vell? | | | 1 |
| | | | | • | | bladder pump | | | репу? | X | |
| | | | | | | re any evidenc | | | ? | | X |
| | | | | | | resence of wa | | | | | V |
| F 214 | | 5 :-1-1 5 :14 | | | | vell or protective | | | | ļ | <u> </u> |
| Filtered: | TIN | Field Filtere | - | CS Y / N | | rease/unnatur | | | | | 1 |
| | T) N | Metals (500 Ammonia/N | | - X0 mL) | 19. Are ti | nere weep hole | es at the bott | om of casing? | | <u></u> | L |
| | Y/A | General (50 | | • | | | | | | | |
| | | | | - | | | | | | | Į. |
| Purge | Time | Gal / L | pH | Spec Con | | , 1 | Initial | Std | Read | Adjust | l |
| 1st Vol | | | 70c | 1315 | 50.4 | <u> </u> | 1 | | | | |
| 2nd Vol | | | | | | _ | pH 4 | 4.00 | 4 | 4.00 | |
| 3rd Vol | | | | | | | 701 | 7.00 | 7 | 7.00 | |
| | | | <u>-</u> | - | | • | } | 10.00 | (0.01 | 10.00 | |
| | | | | | | | | 1000 | 100 W | 1000 | |

| Site/Proje | ct Name/ | Permit No. Pagel Pit | | | | | | _ |
|-----------------------------|----------------|---|-----------------|---|-----------------|-------------|--|---------------|
| Monitoring | y Well/Po | nt <u>14</u> D | Date: 10/12 | 4 | Start Time: | 10.10 | 2 | _ |
| Field Pers | onnel: | OnB | | | Finish Time: | カークく | | _ |
| Well Dept | h (Bottom |) From MP: 47 | 9/_ft | | | | | |
| | | m MP (Prepurges) | 33 tt 1 | Well Water Volume: | Low 7 | gal 🔍 | | |
| Water Col (Pipe ID: 1.5" | | yth: t, 2"-0.16 gal/ft, 2.5 - 0.26 gal/ft) | | Water Evacuated: | LOW 79 | fat W | | |
| Evacuated | with: | Teflon Bailer | Waterra <u></u> | Bladder | _ Electric Pump | · | Other | (specify) |
| Sampled v | vith: _ | Teflon Bailer | | Bladder | | · , | _ Other | (specify) |
| Sample Ap | pearance | e: Odor: Nonu | Color: | Juv | Turbidity: | tracu | | _ |
| Weather: | | Partly Sung | 5 60-7 | | | | | - |
| Environme | ent: | Dry France | L. | | - | | | • |
| Remarks/V | | ition: hoboc | lc | | | | - | • |
| Remarks/v | ven cond | MOH. | | | | | | • |
| Time | Collected | f Parameter 5 | | Well Integrity | Form | | Yes | No |
| Unfiltered: | | | | have identification sigr | | | X. | |
| | Y/N | VOA (40mL) | | have protective posts? | | | | V |
| | Y/N | TOX (250 mL) | | ective casing locked ar | | ork? | اللب الم | V |
| | Y / N Y / N | TOC (40 mL) Organics (1/2 gal) | | free of damage and in cap fit securely? | good snape? | | | |
| | Y/N | Phenol (250 mL) | 6. Is the well | | · | | 5 | ļ |
| | Y/N | CN- (250 mL) | | rea around the well ap | pear clean? | - | | |
| | Y/N | Grease & Oil (1 L) | 8. Is the casir | | pos. olosii. | | TV | |
| | Y/N | Metals (Total) (500 mL) | | seal void of erosion ar | ound/under the | base? | r | |
| 10 | Y/N | General (500 mL) | | face seal free of crack | s? | | Y | |
| 1 | Y/N | Ammonia (500 mL) | | face seal sloped? | | | V | |
| | Y/N | | | king cap free of rust? | | | | 7 |
| | Y/N | | | uction or kinks in the v | | | | |
| | | | | ider pump & appurtent ny evidence of natural | | | X | |
| | | | | ence of water in annula | | <u>f</u> | | X |
| | | | | or protective casing be | | nted? | | 7 |
| Filtered: | | Field Filtered Inorganics Y / N | | se/unnatural substance | | | | * |
| | Y/N | Metals (500 mL) | | weep holes at the bott | | | | ¥ |
| | Y/N | Ammonia/NO ₂ /NO ₃ (500 mL) | | | <u> </u> | | | |
| | Y/N | General (500 mL) | | | | | | |
| Purge | Time | Gal/L pH Spec | | Initial | Std | Read | Adjust | |
| 1st Vol | | (LEO 146: | | | | | | |
| 2nd Vol | | 463 138 | | pΗ | 4.00 | | 4.00 | |
| 3rd Vol | | | 10568 | | 7.00 | | 7.00 | |
| | | 905 140 | 0 86.0 | | 10.00 | | 10.00 | |
| | | | | Spec Con | 1000 | · | 1000 | |
| | • | | | | 1000 | | | |
| Complore C | `it | L M R | | L | <u> </u> | | | |

| | | Permit No. Page | er Pit | | | | | | | |
|-----------------------------|----------------------------|--|--------------|-----------------|------------------------------------|-------------|----------------|--|--|--------------|
| Monitoring | g Well/Po | int_6-13/3 | Date | : 10/12 | 14 | | Start Time: | 1150 | <u> </u> | _ |
| Field Pers | | DusB | | | | • | _ Finish Time | . 120 | a | - |
| Well Dent | th (Botton | n) From MP: | 47.55 | ft | | | | · | | - |
| • | | | | _ | | | | | | |
| Depth to V | Water Fro | m MP (Prepurges) | | _ | Well Water | Volume: | | gal | | |
| Water Col (Pipe ID: 1.5" | lumn Leng ' - 0.092 gav | gth: ft, 2"-0.16 gal/ft, 2.5 - 0.26 gal/f | (t) | _ ^{ft} | Water Evac | uated: | | gal | | |
| Evacuated | d with: | Teflon Bailer | Wa | aterra | Bladder | | _ Electric Pun | np | Other | (specify |
| Sampled v | with: _ | Teflon Bailer | Wa | terra | X Bladder | | _ Electric Pun | ηp | Other | (specify |
| Sample A | ppearance | e: Odor: hone | | Color: | [4 a - | | Turbidity: | trace | 4 | |
| Weather: | | Sunny | 60°Z | Wa | 05 | 5~ | 10 mpa | | | - |
| Environme | | | | | | | | | | - |
| | | dition: Rochacle | | 1.0. | 1 | 0 20. | <i>A</i> | | | - |
| Remarks/\ | Well Cond | illion: A achaer | | rece | en 7 | 2 100 | | | | - |
| Time | Collecte | d Downwater | 5 | | \A/af | (Intoquity | | | Yes | No |
| Time Unfiltered: | Collecte | d Parameter | | 1 Does we | II have identifi | Integrity | | | 1es | NO |
| | Y/N | VOA (40mL) | | | I have protec | | | ······································ | | 1 |
| | Y/N | TOX (250 mL) | | | tective casing | | | ork? | ¥ | |
| | Y/N | TOC (40 mL) | | | Il free of dama | | | | | |
| 1203 | Y/N | Organics (1/2 gal) | _ | | I cap fit secur | | | | X | - |
| | Y/N | Phenol (250 mL) | _ | | Il cap vented? | | | | Y | |
| | Y/N | CN- (250 mL) | - | | area around | the well ap | pear clean?_ | | X | ļ |
| | Y/N | Grease & Oil (1 L) | <u>.</u> | | sing secure? | | | | 1-5-1 | ļ |
| | Y/N | Metals (Total) (500 ml | <u>L)</u> | | e seal void of | | | e base? | } - | |
| 1203 | Y/N Y/N | General (500 mL) Ammonia (500 mL) | _ | | urface seal fre urface seal slo | | 5. | | | |
| | Y/N | Attitiona (500 tile) | | | cking cap free | | | | 1- | V |
| | Y/N | | - | | truction or kin | | rell? | | | \ |
| | | | _ | | adder pump 8 | | | operly? | 1 V | |
| | | | | | any evidence | | | | | K |
| | | | | | sence of wate | | | | | Y |
| | | | | 17. Has wel | or protective | casing be | en recently pa | inted? | | 7 |
| Filtered: | | Field Filtered Inorgani | cs Y / N | 18. Any grea | ase/unnatural | substance | s on the top o | of well? | | r |
| | Y/N | | | 19. Are ther | e weep holes | at the bott | om of casing? | <u> </u> | | X |
| | Y/N | Ammonia/NO ₂ /NO ₃ (5 | 00 mL) | | | | | | | |
| | Y/N | General (500 mL) | - | | _ | | | | | |
| Purge | Time | Gal/L pH | Spec Con | Temp | { | Initial | Std | Read | Adjust | |
| 1st Vol | | 6.71 | 3846 | 56.8 | <u> </u> | | | - Ticau | Aujust | |
| | | 7.48 | 4250 | | | | 400 | L | T 400 | |
| 2nd Vol | | | | 368 | 16 | Н | 4.00 | | 4.00 | |
| 3rd Vol | | 1.47 | 4230 | 565 | | | 7.00 | | 7.00 | |
| | | | | | | | 10.00 | (0) | 10.00 | |
| | | | | | | | | .00 | | |
| | | | | | S | Spec Con | 1000 | 1000 | 1000 | |
| | | \ | | | - 1 | | : ! | | • • | |

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Sampler's Signature:

X:lgtrudy/misc/gwsamplingform/Sheet 2-revised.xls 2/17/04

| Site/Proje | ct Name/P | ermit No. Page | l Pit - | - NORT | TH | | | | | |
|------------------|---------------|--|---------------------------|--------------------|-----------------|---------------|------------------------------|---------------|--|----------------|
| | | 11 G 16 D | | | | | Start Time: | 7:20 | | |
| | | 2. ZiNSCR | | | | _ | Finish Time | : 7:32 | _ | _ |
| | | From MP: | | 7 ft | | | | | | _ |
| Depth to \ | Nater Fron | n MP (Prepurges) | 6.33 | r ft | Well Wate | r Volume: | | gal | | |
| Water Co | lumn Lena | | | ft | Water Eva | cuated: | | gal | | |
| Evacuated | d with: | Teflon Bailer | Wa | iterra ∠ | imes Bladde | r | _ Electric Pun | np | Other | (specify) |
| Sampled v | with: | Teflon Bailer | Wa | terra | ≥ Bladde | er | _ Electric Pun | np | Other | (specify) |
| Sample A | ppearance | : Odor: <i>No</i> | | Color: | lear | | Turbidity: - | Light | | |
| Weather: | | Odor: No PART. SUN | 554 | Wind | 5 5 W | oh Eusa | _ | -/ | | - |
| Environme | | TALL WE | FDS | | | | - | | | - |
| | Well Condi | | <u> </u> | | | | | | | - |
| Kemarks | WEN COND | tion. | | | | | | | | <u>-</u> |
| Time | Collected | Parameter | $\overline{\overline{a}}$ | | | ell Integrity | | | Yes | No |
| Unfiltered: | | VOA (40-1) | 5 | | II have ident | | | | | |
| | . Y/N Y/N | VOA (40mL) TOX (250 mL) | | | Il have prote | | | uork? | | |
| | . Y/N | TOC (40 mL) | - | | | | nd does key w good shape? | | 15 | + |
| | Y/N | Organics (1/2 gal) | | | ell cap fit sec | | good snape? | | 10 | - |
| 1 | Ø N | Phenol (250 mL) | - | | ell cap vente | | | | 1 | |
| (132) | M(A) | CN- (250 mL) | - | | | | pear clean? | | 1 | |
| 7.10 | YIN | Grease & Oil (1 L) | - | | sing secure? | | pear cican: | | | |
| | Y/N | Metals (Total) (500 ml | 5 | | | | ound/under th | e base? | + | |
| | Y/N | General (500 mL) | = / | | urface seal f | | | 10 2400. | | 2 |
| | | Ammonia (500 mL) | - | | urface seal s | | | | | |
| | Y/N | | - | - | cking cap fr | | | | | |
| | Y/N | | | | struction or k | | vell? | | | 7 |
| | | | _ | | | | ances work pi | | 7 | |
| | | | | | | | contaminatio | n? | | 7 |
| | | | | | sence of wa | | | | | 4 |
| | | | | | | | en recently pa | | ļ | 1 |
| Filtered: | Co | Field Filtered Inorgani | cs Y / N | 18. Any gre | ase/unnatur | al substance | es on the top | of well? | ļ | |
| | (Ý.)N | Metals (500 mL) | _ | 19. Are the | re weep hole | s at the bott | tom of casing | ? | İ | 7 |
| | Ø N | Ammonia/NO _{2/} NO ₃ (50 | 00 mL) | | | | | | | |
| | YUN | General (500 mL) | _ | | | | | | | |
| | | | • | | | <u> </u> | | | -, , | |
| Purge | Time | Gal/L pH | Spec Con | | 1 | Initial | Std | Read | Adjust | ļ |
| 1st Vol | | 7.59 | 500 | 13% | | | | | | 1 |
| 2nd Vol | - | 7.56 | 220 | /3° | | рН | 4.00 | | 4.00 | 1 |
| 3rd Vol | | 7.56 | 1470 | 122 | | | 7.00 | | 7.00 | |
| | | 7.56 | 450 | 13 6 | | | 10.00 | | 10.00 | |

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Sampler's Signature:

Spec Con

1000

1000

| Site/Proje | ct Name/F | Permit No. | Page | Pit - | - NOR | TH | | | | | _ |
|---------------|-------------------------------|-----------------------------|--------------------------------------|----------|---------------------------------------|---------------------------------|--------------|----------------|-------------|--------------|--|
| Monitoring | g Well/Poi | nt G16 | M | Date | e: <u>/</u> 0 - / | 2-04 | _ | Start Time | 7:3 | 4 | |
| Field Pers | sonnel: | R. 2 | INSCK | 2 | | | | Finish Time | 7:50 | ၁ | _ |
| Well Dept | th (Bottom | From MP: | | -15.19 | ft ft | | | | | | _ |
| • | | n MP (Prepu | rges) | 6.95 | _ ft | Well Water | Volume: | | gal | | |
| | lumn Leng 1 - 0.092 gal/fi | th: i, 2"-0.16 gal/ft, 2 | 2.5 - 0.26 gal/ft) | | ft | Water Evac | cuated: | | gal | | |
| Evacuated | d with: | Teflon | Bailer | Wa | aterra _ | Bladder | · | _ Electric Pur | np | Other | (specify |
| Sampled v | with: | Teflon l | Bailer | Wa | terra | <u></u> Bladder | | _ Electric Pur | np | Other | (specify |
| | · | : Odor: No |) | | Color: C | kar | | | , (| | |
| Weather: | | ART, Sun. | | Wind | | ON EAST | | | / | | - |
| Environme | • | | WEEDS | | 2 | ., 0,1151 | | | · | | - |
| | | | WELD | | _ | | | | | | - . |
| Remarks/ | well Cona | ition: | · · -· · · | | | | | | | | |
| Time | Collected | i Para | meter / | | | Wei | ll Integrity | Form | | Yes | No |
| Unfiltered: | | | 15 |) | | ell have identit | | | | \ \tag{\tau} | |
| | Y/N | VOA (40ml | | - | | ell have protec | | | | | |
| | Y/N | TOX (250 r | | - | | otective casin | | | | | <u> </u> |
| / | Y/N | TOC (40 m | | - | | ell free of dam | | good shape | , | 1 | |
| Acarl | Y/N Ø/N | Organics (1 Phenol (25 | | - | | ell cap fit secu | | | · | += | |
| 120 | 8 N | CN- (250 m | | - | | ell cap vented e area around | | noor cloop? | | 12 | |
| // | Y/N | Grease & C | | - | | e area around ssing secure? | the well ap | pear clean? | | 12 | |
| | Y/N | Metals (Tot | | 7 | | e seal void of | erosion ar | ound/under th | na hasa2 | +->- | |
| | Y/N | General (50 | | _/ | | surface seal from | | | ic Dasc: | + | - |
| | Y/N | Ammonia (| | - | _ | surface seal sl | | <u> </u> | | + | = |
| | Y/N | <u></u> | | - | | ocking cap fre | | | | 1 | ~ |
| | Y/N | | | - | | struction or ki | | vell? | | 1 | 1 |
| | • | | | • | | ladder pump a | | | roperly? | × | |
| | | | | | 15. Is there | any evidence | e of natural | contaminatio | n? | | 7 |
| | | | | | | esence of water | | | | | - |
| | | | | | 17. Has we | ell or protective | e casing be | en recently p | ainted? | | - |
| Filtered: | _ | Field Filtere | ed Inorganio | xsY/N | 18. Any gre | ease/unnatura | i substance | es on the top | of well? | | ~ |
| | (V) N | Metals (500 | mL) | | 19. Are the | re weep holes | at the bott | om of casing | ? | | الحرا |
| | Ø/N | Ammonia/N | 10 ₂ /NO ₃ (50 | 00 mL) | | | | | | | |
| | (Ý) N | General (50 | 00 mL) | • | | | | | | | |
| | _ | | | • | | Γ | | | | | 1 |
| Purge | Time | Gal / L | pH | Spec Con | · · · · · · · · · · · · · · · · · · · | , | Initial | Std | Read | Adjust | 1 |
| 1st Vol | | | 7.16 | 630 | 148 | | | | <u> </u> | | 1 |
| 2nd Vol | | | 712 | 590 | /22 | 1 [| nH | ا مما | | 1 400 | ı |

| Purge | Time | Gal / L | pН | Spec Con | Temp |
|---------|------|---------|------|----------|------|
| 1st Vol | , | | 7.16 | 630 | 148 |
| 2nd Vol | | | 7.13 | 590 | 130 |
| 3rd Vol | | | 7.10 | 6.30 | 13° |

| Initial | Std | Read | Adjust |
|----------|-------|------|--------|
| рН | 4.00 | | 4.00 |
| | 7.00 | | 7.00 |
| | 10.00 | | 10.00 |
| _ | | | |
| Spec Con | 1000 | | 1000 |
| | | | |

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X:lgtrudy/misc/gwsamplingform/Sheet 2-revised.xls 2/17/04

| Site/Project Name/F | Permit No. Page | Pit NO | RTH | | | | |
|---------------------|--|---------------------------------------|--|----------------|---------------------|-----------------|--------------------|
| Monitoring Well/Poi | nt_6175 | Date: | 0-17-04 | | Start Time: | | |
| Field Personnel: | 7 | M | | | Finish Time: | 0:10 | <u>_</u> |
| Well Depth (Bottom |) From MP: | 25.90 ft | | <u> </u> | | | |
| Depth to Water From | | 16.72 ft | Well Wate | er Volume: | gal | | |
| Water Column Leng | | ft | Water Eva | acuated: | gal | | |
| | t, 2"-0.16 gal/ft, 2.5 - 0.26 gal/ft | · · · · · · · · · · · · · · · · · · · | | | | | |
| Evacuated with: _ | Teflon Bailer | Waterra | a <u>X</u> Bladd | er | _ Electric Pump | Other | (specify) |
| Sampled with: | Teflon Bailer | Waterra | Bladd | er | _ Electric Pump | Other | (specify) |
| Sample Appearance | : Odor: SWEET | Co | Ior: 7AN | | Turbidity: SC | 164 | _ |
| Weather: | P Clouch | | | | | | _ |
| Environment: | | | O FARM | FIEL | <u> </u> | | _ |
| Remarks/Well Cond | • | | | | • | | |
| , (Ciliana Von Cond | | | | | _ | | |
| Time Collected | Parameter | | | ell Integrity | | Yes | No |
| Unfiltered: Y/N | 700 (40ml) | | Does well have iden | | | | 1 |
| Y/N | VOA (40mL) TOX (250 mL) | | Does well have prot s the protective cas | | | | <u>~</u> X |
| Y/N | TOC (40 mL) | | s the well free of da | | | <u> </u> | + |
| | Organics (1/2 gal) | | Does well cap fit sed | | good chapo. | , A | |
| - AN | Phenol (250 mL) | | s the well cap vente | | | $\hat{\lambda}$ | |
| | CN- (250 mL) | 7. [| Does the area arour | nd the well ap | pear clean? | 1 × | |
| Y/N | Grease & Oil (1 L) | | s the casing secure | | | | |
| Y/N | Metals (Total) (500 mL | • — | s surface seal void | | | | ├ |
| Y/N | General (500 mL) | | Is the surface seal | | <u>s?</u> | 1 | 4 |
| Y/N Y/N | Ammonia (500 mL) | | Is the surface seal | | | | |
| Y/N | | | Is the locking cap find Any obstruction or | | uoll? | | |
| | | | Does bladder pump | | | ty? | |
| | | | Is there any eviden | | | " | X |
| | | | Any presence of wa | | | | ब्र |
| | | | Has well or protecti | | | d? | X |
| Filtered: | Field Filtered Inorganic | SYUN 18. | Any grease/unnatu | ral substance | es on the top of we | 11? | A |
| XIN | Metals (500 mL) | | Are there weep hole | | | | ~ |
| YAN YAN | Ammonia/NO ₂ /NO ₃ (50 | | | | <u></u> | | b |
| \$7)N | General (500 mL) | · · | | | | | |
| | • | | _ | | | | 1 |
| Purge Time | Gal/L pH | | Temp | Initial | Std R | lead Adjust | 4 |
| 1st Vol | 137 | | 2.2 | 1 | | | 4 |
| 2nd Vol | 7.39 | | 7 | рН | 4.00 | 4.00 | 1 |
| 3rd Vol | 1.39 | 831 12 | <u>. </u> | | 7.00 | 7.00 | 1 |
| | | | | 1 | 10.00 | 10.00 | 1 |
| | | | | } | <u></u> | | 1 |
| | \wedge | | | Spec Con | 1000 | 1000 | |

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| Site/Project Name/Permit No. Pagel Pit Phrt | |
|---|---|
| Monitoring Well/Point G18D Date: 10- | -12-04 Start Time: |
| Field Personnel: | Finish Time: 9:23 |
| Well Depth (Bottom) From MP: 45.20 ft | |
| Depth to Water From MP (Prepurges) | Well Water Volume:gal |
| Water Column Length: ft (Pipe ID: 1.5" - 0.092 gal/ft, 2"-0.16 gal/ft, 2.5 - 0.26 gal/ft) | Water Evacuated:gal |
| Evacuated with: Teflon Bailer Waterra | Bladder Electric Pump Other (specify) |
| Sampled with: Teflon Bailer Waterra | Bladder Electric Pump Other (specify) |
| | Now Turbidity: SC1647 |
| $\Omega \cap \Gamma = \overline{\Gamma}$ | Turbidity. 3 CT 6 AT |
| 1 - 70 | |
| Environment: TAU WELED / ROCK | |
| Remarks/Well Condition: | |
| Time Collected December | Well Integrity Form Yes No |
| Time Collected Parameter Unfiltered: 5 1. Does | Well Integrity Form Yes No well have identification sign? ✗ |
| Y / N VOA (40mL) 2. Does | well have protective posts? |
| Y / N TOX (250 mL) 3. Is the | protective casing locked and does key work? |
| Y / N TOC (40 mL) 4. Is the Y / N Organics (1/2 gal) 5. Does | well free of damage and in good shape? |
| | well cap fit securely? well cap vented? |
| 7. Does | the area around the well appear clean? |
| Y / N Grease & Oil (1 L) 8. Is the | casing secure? |
| Y / N Metals (Total) (500 mL) 9. Is sur | face seal void of erosion around/under the base? |
| Y / N General (500 mL) 10. Is th Y / N Ammonia (500 mL) 11. Is th | e surface seal free of cracks? |
| | e surface seal sloped? e locking cap free of rust? |
| | obstruction or kinks in the well? |
| 14. Does | s bladder pump & appurtenances work properly? |
| | ere any evidence of natural contamination? |
| | presence of water in annular space? well or protective casing been recently painted? |
| / / | grease/unnatural substances on the top of well? |
| | there weep holes at the bottom of casing? |
| Minima (000 mL) Ammonia/NO ₂ /NO ₃ (500 mL) | There weep notes at the bottom of casing? |
| | |
| N General (500 mL) | |
| Purge Time Gal/L pH Spec Con Temp | Initial Std Read Adjust |
| 1st Vol 7.14 705 11.8 | |
| 2nd Vol 7,17 699 11,7 | pH 4.00 4.00 |
| 3rd Vol 7.16 697 11.5 | 7.00 7.00 |
| | 10.00 10.00 |
| ^ | |
| $(\)$ | Spec Con 1000 1000 |
| | |

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X:lgtrudy/misc/gwsamplingform/Sheet 2-revised.xls 2/17/04

| Site/Project Name/Permit No. Pagel Pit | NORTH | | | | |
|---|---|----------------|------------------|---------------|---------------|
| Monitoring Well/Point 6 8 5 | Date: 10-12-04 | | Start Time: | | |
| Field Personnel: | | | Finish Time: | 9:15 | |
| Well Depth (Bottom) From MP: 17.3 | 22 ft | | | | |
| Depth to Water From MP (Prepurges) | 33 ft Well | Water Volume: | ga | al | |
| Water Column Length: (Pipe ID: 1.5" - 0.092 gal/ft, 2"-0.16 gal/ft, 2.5 - 0.26 gal/ft) | ft Wate | r Evacuated: | ga | ıl | |
| Evacuated with: | _ Waterra Bl | adder | _ Electric Pump | Oth | ner (specify) |
| Sampled with: Teflon Bailer | _WaterraB | adder | _ Electric Pump | Otl | ner (specify) |
| Sample Appearance: Odor: Pout | Color: BRai | <u>ا</u> | Turbidity: Mc | DERATE | , |
| Weather: P Clarky 5. | So | | | <u> </u> | |
| Environment: TAU WEFD | /ROCK | | | | |
| Remarks/Well Condition: (DRATION) | IN DOFT. | | | | |
| Kemarks Weil Condition. | WAILIE | | | | |
| Time Collected Parameter | | Well Integrity | | Ye | s No |
| Unfiltered: 5 | 1. Does well have | | | | |
| Y / N VOA (40mL) Y / N TOX (250 mL) | Does well have Is the protective | | | <u> </u> | 1 7 |
| Y/N TOC (40 mL) | 4. Is the well free of | | | | 4 |
| X/N Organics (1/2 gal) | 5. Does well cap fi | | good snape: | | 2 |
| (Y/ N Phenol (250 mL) | 6. Is the well cap v | | | | 4 |
| Ý) N CN- (250 mL) | 7. Does the area a | | pear clean? | | 2 |
| Y / N Grease & Oil (1 L) | 8. Is the casing se | cure? | | | ۷ |
| Y / N Metals (Total) (500 mL) | 9. Is surface seal v | | | pase? | |
| Y/N General (500 mL) | 10. Is the surface : | | s? | | |
| Y / N Ammonia (500 mL) | 11. Is the surface s | | | <u>\</u> | <u>'</u> |
| Y/N | 12. Is the locking of | | - 110 | | |
| 17N | 13. Any obstruction | | | | |
| | 14. Does bladder p | | | enyr | NAX |
| | 16. Any presence | | | | <u>×</u> |
| | 17. Has well or pro | | | ted? | × |
| Filtered: Field Filtered Inorganics Y // | | | | | X |
| N Metals (500 mL) | 19. Are there weep | | | | 12 |
| (A) N Ammonia/NO ₂ /NO ₃ (500 mL) | | | | _ | |
| N General (500 mL) | | | | | |
| | | | | | |
| Purge Time Gal/L pH Spec | | Initial | Std | Read Adju | ıst |
| 1st Vol 690 84 | 2 3.7 | l | | | |
| 2nd Vol | | рН | 4.00 | 4. | 00 |
| 3rd Vol | | 1 | 7.00 | 7. | 00 |
| | | } | 10.00 | 10. | 00 |
| ^ | | | | | |
| | | Spec Con | 1000 | 10 | 00 |
| \ \ \ | | 1-1-0-0011 | | | |

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| Site/Projec | t Name/l | Permit No. Pagel | Pit | 1 | | | | | | _ |
|-------------|------------|---|---------------------------------------|-----------------|--------------|-------------|----------------------------|----------|---------|--|
| Monitoring | Well/Poi | int 200 | Date: | 10/12/4 | / | | Start Time: | 15/00 | 9 | |
| Field Perso | nnel: | DINB | _ | | | | Finish Time: | 127 | 2 | _ |
| Well Depth | (Bottom |) From MP: | 50.01 ft | | 1 | | | | _ | - |
| | | m MP (Prepurges) | 3960 ft | ٧ | Vell Water \ | Volume: | | gal | | |
| Water Colu | ımn Leng | · · · | ft | ٧ | Vater Evacı | uated: | | gal | | |
| Evacuated | with: | Teflon Bailer | Water | ra <u>X</u> | Bladder | | Electric Pum | р | _ Other | (specify |
| Sampled wi | ith: | Teflon Bailer | Waterr | a | Bladder | | _ Electric Pum | ıp | _ Other | (specify |
| | | e: Odor: None | | olor: | lene | | Turbidity: | Lunder | | |
| Weather: | | Bunny Co | 707 | <u> </u> | | | | | | - |
| Environmer | nt. | Dun Fran | O | Tim | | | ··· -··· | | | • |
| Remarks/W | | lition: | 1 | \rightarrow |) | | | · | | • |
| Remarks/vv | reii Cond | illion. | | | | | <u> </u> | | | - |
| Time | Collected | d Paramete(r 💍 | | | Well | Integrity | Form | | Yes | No |
| Unfiltered: | | | | Does well h | | | | | 1 | |
| | Y/N Y/N | VOA (40mL) TOX (250 mL) | | Does well h | | | | - ul 2 | V | <u> </u> |
| | Y/N | TOC (40 mL) | | | | | nd does key we good shape? | OIK? | Ý | |
| 15 | Y/N | Organics (1/2 gal) | | Does well c | | | good snape: | | 1 | |
| + | Y/N | Phenol (250 mL) | | Is the well o | | | | | 1 | |
| | Y/N | CN- (250 mL) | | | | | pear clean? | | γ, | |
| | Y/N | Grease & Oil (1 L) | | Is the casing | | | | | 7 | |
| | Y/N | Metals (Total) (500 mL) | | | | | ound/under the | e base? | 1 | |
| | Y/N | General (500 mL) | |). Is the surfa | | | s? | | 1 | |
| | Y/N Y/N | Ammonia (500 mL) | | . Is the surfa | | | | | 7 | |
| | Y/N | | | . Any obstru | | | ell? | | | <u> </u> |
| | | | | | | | ances work pro | operly? | X | |
| | | | | | | | contamination | | | X |
| | | | | . Any preser | | | | | | Y |
| | | | _ | . Has well or | r protective | casing be | en recently pa | inted? | | <u> </u> |
| Filtered: | | Field Filtered Inorganics | · · · · · · · · · · · · · · · · · · · | | | | s on the top o | | | _ |
| | | Metals (500 mL) | 19 | . Are there v | veep holes | at the bott | om of casing? | <u> </u> | Y | |
| | Y/N | Ammonia/NO ₂ /NO ₃ (500 | mL) | | | | | | | |
| ···· | Y/N | General (500 mL) | | | | | | | | |
| Purge | Time | Gal/L pH S | pec Con | Temp | | Initial | Std | Read | Adjust | |
| 1st Vol | | 925 | | 3 / | | | | rteau | Aujust | |
| 2nd Vol | | | / | 3.1 | | Н | 4.00 | | 4.00 | |
| 3rd Vol | | 934 | 1_1 | 3. / | ۲ | | 7.00 | _ | 7.00 | |
| | | 1 () (| <u> </u> | | | | 10.00 | | 10.00 | |
| | | | | | | | 10.00 | | 10.00 | |

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Sampler's Signature:

Spec Con

1000

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| Site/Projec | t Name/l | Permit No. | Page | IPIL - | NORTH | | | <u> </u> | | |
|--------------------------------|--------------------------------|------------------------------|-------------------|--------------|-----------------|---|-----------------|-------------|---------------------------|--|
| Monitoring | Well/Poi | nt_G-3.5 | 3 D | Date | e: <u>/o /</u> | -04 | Start Time: | 9:10 | | _ |
| Field Perso | onnel: | R. 2 | INSCO | - | | | Finish Time | 9.25 | | _ |
| Well Depth | (Bottom |) From MP: | | | ft | | | | | |
| Depth to W | /ater From | m MP (Prepu | ırges) | | | Well Water Volume | : | gal | | |
| Water Colu (Pipe ID: 1.5" - | ımn Leng 0.092 gal/f | ith: i, 2"-0.16 gai/ft, 2 | 2.5 - 0.26 gal/ft |) | ft | Water Evacuated: | | gal | | |
| | | Teflon | | | aterra <u>-</u> | Bladder | Electric Pun | np | _ Other | (specify |
| Sampled w | rith: _ | Teflon | Bailer | Wa | iterra _ | Bladder | Electric Pun | np | _ Other | (specify |
| Sample Ap | pearance | e: Odor: N | 6 | | Color: | lear | Turbidity: | Slyht | | _ |
| Weather: | | Sin | 60× | Win | ds 50 | 10h EAST | | | | _ |
| Environmer | nt: | Wood | | | | , | | | | - |
| Remarks/M | | | | | | | | | , | - . |
| 1,01114111411 | | ··· | | | · · · · · | | | | | • |
| | Collected | l Para | meter | -) | | Well Integri | | | Yes | No |
| Unfiltered: | V/N | 1/04 /40ml | رے | | | ell have identification s | | | | |
| | Y/N Y/N | VOA (40ml TOX (250 r | | _ | | ell have protective pos otective casing locked | | ork? | - | <u> </u> |
| | Y/N | TOC (40 m | | - | | ell free of damage and | | | | |
| | Y/N | Organics (| | - | | ell cap fit securely? | in good snape: | | | |
| 7/1- 2 | N(S) | Phenol (25 | | | | ell cap vented? | | | | |
| (4'251 | CYIN | CN- (250 m | | _ | | area around the well | appear clean? | | | |
| | Y/N | Grease & C | | _ | | sing secure? | | | | |
| | Y/N | Metals (Tol | al) (500 ml | | | e seal void of erosion | around/under th | e base? | X | |
| | Y/N | General (50 | | - | 10. Is the s | urface seal free of cra | cks? | | | |
| | Y/N | Ammonia (| 500 mL) | _ | | urface seal sloped? | | | 2 | |
| | Y/N | | | _ | | ocking cap free of rust | | | | ~ |
| | Y/N | | | _ | | struction or kinks in the | | | | <u> </u> |
| | | | | | | ladder pump & appurt | | | | ļ |
| | | | | | | any evidence of natu | | <u>n?</u> | | X |
| | | | | | | esence of water in ann Il or protective casing | | sintad? | | |
| Filtered: | | Ciald Cilear | d laassasi | V / M | | | | | | 1 |
| riitereu: | $\langle \hat{\Omega} \rangle$ | Field Filtere | _ | CS 17 N | | ase/unnatural substar | | | | $\overline{\mathbf{A}}$ |
| | (Y) N | Metals (500 | | . | 19. Are the | re weep holes at the b | ottom of casing | ? | | |
| | CY/N | Ammonia/N | $10_2/N0_3$ (50 | 00 mL) | | | | | | |
| | X/N | General (50 | 00 mL) | _ | | | | | | |
| Purge | Time | Gal / L | рН | Spec Con | Tomn | Initial | 644 | Do | Adina | |
| 1st Vol | ime | Gaire | 7.01 | 540 | Temp | Initial | Std | Read | Adjust | |
| 2nd Vol | <u> </u> | | 7.03 | 530 | 100 | pH | 4.00 | | 4.00 | |
| | | | | | | · | 7.00 | · | 7.00 | |

| 3rd Vol | 1.03 530 |)0°0 |
|---------|--------------|------|
| | | |
| | | |
| | | |

| Initial | Std | Read | Adjust |
|----------|-------|------|--------|
| _ | | | |
| pH [| 4.00 | | 4.00 |
| | 7.00 | | 7.00 |
| | 10.00 | | 10.00 |
| | | | |
| Spec Con | 1000 | | 1000 |
| | | | |

Sampler's Signature:

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| | | - |
|--|----------|-------------------------|
| Monitoring Well/Point 6.333 Date: 10 12-04 Start Time: 9:27 | | - |
| Field Personnel: R 21N588 Finish Time: 9.43 | | |
| Well Depth (Bottom) From MP: 19.97 ft | | |
| Depth to Water From MP (Prepurges) 6.71 ft Well Water Volume: gal | | |
| Water Column Length: ft Water Evacuated: gal (Pipe ID: 1.5" - 0.092 gal/ft, 2"-0.16 gal/ft, 2.5 - 0.26 gal/ft) | | |
| Evacuated with: Teflon Bailer Waterra Bladder Electric Pump | Other | (specify |
| Sampled with: Teflon Bailer Waterra Bladder Electric Pump | | |
| Sample Appearance: Odor: No Color: Clear Turbidity: Stight Weather: SUNNY 667 WIND 5 5 mph EAST | | |
| Weather: SUNNY 60x WINDS Smph EAST | | |
| Environment: 100000 | | • |
| Remarks/Well Condition: | | |
| | | · |
| Time Collected Parameter Well Integrity Form | Yes | No |
| Unfiltered: Y / N VOA (40mL) 1. Does well have identification sign? 2. Does well have protective posts? | <u> </u> | |
| Y / N TOX (250 mL) 3. Is the protective casing locked and does key work? | | _ |
| Y / N TOC (40 mL) 4. Is the well free of damage and in good shape? | > | |
| 5. Does well cap fit securely? Phenol (250 mL) 6. Is the well cap vented? | | - |
| | | |
| 7. Does the area around the well appear clean? | | |
| Y/N Grease & Oil (1 L) 8. Is the casing secure? | | |
| Y/N Metals (Total) (500 mL) 9. Is surface seal void of erosion around/under the base? | \sim | · |
| Y / N General (500 mL) 10. Is the surface seal free of cracks? Y / N Ammonia (500 mL) 11. Is the surface seal sloped? | | \leq |
| Y / N Ammonia (500 mL) 11. Is the surface seal sloped? - 12. Is the locking cap free of rust? | 7 | <u> </u> |
| Y/N 13. Any obstruction or kinks in the well? | | \rightleftharpoons |
| 14. Does bladder pump & appurtenances work properly? | ~ | |
| 15. Is there any evidence of natural contamination? | | 7 |
| 16. Any presence of water in annular space? | | 7 |
| 17. Has well or protective casing been recently painted? | | |
| Filtered: Field Filtered Inorganics Y / N 18. Any grease/unnatural substances on the top of well? | | $\stackrel{\sim}{\sim}$ |
| Metals (500 mL) 19. Are there weep holes at the bottom of casing? | | _ |
| M/ N Ammonia/NO ₂ /NO ₃ (500 mL) | | - 1 |
| (Y)/ N General (500 mL) | | |
| Purge Time Gal / L pH Spec Con Temp Initial Std Read A | djust | |
| 1st Vol 6. 02 590 1/c | | |
| 2nd Vol 6 06 350 1/2 pH 4.00 | 4.00 | |
| 3rd Vol 6 // 5 ⁻⁷ / ₀ // _c 7.00 | 7.00 | |
| | 10.00 | |

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Spec Con

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| Site/Project Name/ | Permit No. Pagel | Pit - | NORT | <i>i</i> 4 | | | | | _ |
|--|--|------------|-------------|-----------------------------------|-------------|-------------------|---------------------------------------|-----------------|---------------|
| Monitoring Well/Poi | int $G3YD$ | Date | : 10-12 | -04 | | Start Time: | 8:13 | 2 | _ |
| Field Personnel: | R. ZNSED | | | | | _ Finish Time: | A . ~ | | _ |
| Well Depth (Bottom | • | 64.62 | . ft | | | | | | |
| Depth to Water Fro | | 7.46 | | Well Water | Volume: | | gal | | |
| Water Column Leng (Pipe ID: 1.5" - 0.092 gal/ | gth: ft, 2"-0.16 gal/ft, 2.5 - 0.26 gal/ft) | | ft | Water Evacu | uated: | | gal | | |
| Evacuated with: | Teflon Bailer | Wa | aterra | Bladder | | _Electric Pum | р | Other | (specify |
| Sampled with: | Teflon Bailer | Wa | terra ∠ | Bladder | | _ Electric Pum | ıp | Other | (specify |
| Sample Appearance | | | Color: d | 1ecm | | - Turbidity: 💆 | / | _ | |
| Weather: | PART SUN S | Selvianos | | | 7 | | | | • |
| Environment: | WOODED | <u> </u> | , | | | | | | • |
| Remarks/Well Cond | | | | | | | | | • |
| itemarks/ Weil Cond | inion. | | | | | | | | • |
| Time Collecte | d Parameter | | | | Integrity | | · | Yes | No |
| Unfiltered: | | 5) | | ell have identifi | | | | 1 | ļ |
| Y/N | VOA (40mL) | | | ell have protec | | | | | |
| Y/N | TOX (250 mL) | - | | otective casing | | | | 7 | ļ |
| Y/N | TOC (40 mL) | _ | | ell free of dama | _= | good shape? | | 1 | |
| Y/N Y/N | Organics (1/2 gal) | _ | | ell cap fit secur | | | | 1 | |
| O'N | Phenol (250 mL) | - | | ell cap vented? | | | · · · · · · · · · · · · · · · · · · · | 1 | |
| | CN- (250 mL) | - | | e area around | the well ap | pear clean? | | 12 | |
| Y/N Y/N | Grease & Oil (1 L) | _ | | sing secure? | | a | - h2 | | |
| | Metals (Total) (500 mL | <u>-</u>) | | e seal void of | | | e base? | \ | |
| Y/N | General (500 mL) Ammonia (500 mL) | - | | surface seal fre | | <u> </u> | | \S | |
| Y/N Y/N | Ammonia (500 mL) | - | | urface seal slo | | | | ^- | 1 |
| Y/N | | - | | ocking cap free | | roll3 | | <u> </u> | |
| 1/14 | | - | | struction or kin ladder pump 8 | | | anash (2 | 1 | ~ |
| | | | | any evidence | | | | 1-3- | |
| | | | | esence of water | | | 11 | 1 | $\frac{1}{2}$ |
| | | | | Il or protective | | | inted? | | 3 |
| Filtered: | Field Filtered Inorganic | cs Y / N | | ease/unnatural | | | | | ~ |
| (Y)N | Metals (500 mL) | _ | | re weep holes | | | | | X |
| N (Y | Ammonia/NO _{2/} NO ₃ (50 | 00 mL) | | | | | | | |
| | General (500 mL) | _ | | | | | | | |
| | | | | Γ | | | | | |
| Purge Time | Gal/L pH | Spec Con | | դ ⊦ | Initial | Std | Read | Adjust | |
| 1st Vol | 7/2 | 680 | 1/2 | - | .11 | 100 | | 1 1 2 2 | |
| 2nd Vol | <u> </u> | 680 | /00 | - F | Н | 4.00 | | 4.00 | |
| 3rd Vol | 716 | 660 | 501 |] | | 7.00 | | 7.00 | |
| | | | | | | 10.00 | | 10.00 | |

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Spec Con

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| Site/Project Name/F | Permit No. Pagel Pit | t - Nor | TIT | | | |
|----------------------|--|-----------------|--|--------------------------|---|--|
| Monitoring Well/Poi | nt G348 | Date: _ / 0 - / | 12-04 | Start Time: 75 | 5 | _ |
| | R. ZINSCIZ | • | | Finish Time: 8:10 |) | _ |
| Well Depth (Bottom) | From MP: /9 | 1.74 ft | | | | _ |
| Depth to Water From | | 28 ft | Well Water Volume: | gal | | |
| Water Column Leng | | ft | Water Evacuated: | gal | | |
| Evacuated with: _ | Teflon Bailer | Waterra | Bladder | Electric Pump | Other | (specify) |
| Sampled with: | Teflon Bailer | | Bladder | Electric Pump | Other | (specify) |
| Sample Appearance | , | – Color: (| Tlear | Turbidity: 3/154 | - | |
| Weather: | PART SUN. 55 | F Wind | S JOUPH EAST | | | _ |
| Environment: | WOODED | (2-10-0 | | | | _ |
| Remarks/Well Cond | | | | | | - |
| remarks wen cons | 2 | | | | | <u>-</u> |
| Time Collected | Parameter | | Well Integrit | | Yes | No |
| Unfiltered: Y / N | VOA (40mL) | | well have identification si well have protective post | | | |
| Y/N | TOX (250 mL) | | protective casing locked | | 1 | |
| Y/N | TOC (40 mL) | | well free of damage and | | | |
| Y/N | Organics (1/2 gal) | 5. Does | well cap fit securely? | | X | |
| ZA.A QN | Phenol (250 mL) | | well cap vented? | | ~ | |
| Y (Y) N | CN- (250 mL) | | the area around the well | appear clean? | 12 | |
| Y/N | Grease & Oil (1 L) | | casing secure? | | | ļ. . |
| Y/N Y/N | Metals (Total) (500 mL) General (500 mL) | | ace seal void of erosion | | 12 | |
| Y/N | Ammonia (500 mL) | | e surface seal free of crace surface seal sloped? | CKS? | سدا | 1 ->- - |
| Y/N | Ammonia (600 mz) | | e locking cap free of rust? | <u> </u> | | |
| Y/N | | | obstruction or kinks in the | | _ | |
| | | | bladder pump & appurte | | | |
| | | | ere any evidence of natur | | 1 | |
| | | 16. Any r | presence of water in annu | ular space? | | $\overline{\mathbf{x}}$ |
| | | 17. Has v | well or protective casing I | been recently painted? | | \sim |
| Filtered: | Field Filtered Inorganics Y / | N 18. Any 9 | rease/unnatural substan | ices on the top of well? | | |
| ∭ N | Metals (500 mL) | 19. Are th | nere weep holes at the bo | ottom of casing? | | |
| Ø _N | Ammonia/NO ₂ /NO ₃ (500 mL | | | | | |
| ()/N | General (500 mL) | | | | | |
| Purge Time | Gal/L pH Spec | Con Temp | Initial | Std Read | Adjust |] |

| Purge | Time | Gal / L | pH | Spec Con | Temp |
|---------|------|---------|------|----------|------|
| 1st Vol | | | 6.99 | 840 | 12'0 |
| 2nd Vol | | | 7.03 | 880 | 12°4 |
| 3rd Vol | | | 7.06 | 880 | 12% |

| Initial | Std | Read | Adjust |
|----------|-------|-------------|--------|
| рН | 4.00 | | 4.00 |
| | 7.00 | | 7.00 |
| | 10.00 | | 10.00 |
| | | | |
| Spec Con | 1000 | | 1000 |
| | | | |

Sampler's Signature:

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Peoria, IL 61612-9071

Phone: 309-692-9688 Fax: 309-692-9689

| Site/Project Name/F | Permit No. Pagel Pit | - NORT | 14 | | | |
|---------------------|---|---------------------------------------|---|---------------------------------------|-------------|--------------|
| Monitoring Well/Poi | nt <u>G35</u> D | ate: 10 12 | -04 | Start Time: | | |
| Field Personnel: | R.ZINSER | | | Finish Time: | 9.00 | _ |
| Well Depth (Bottom | From MP: 50. | 17 ft | | | | |
| | m MP (Prepurges) 7.6 | ⊋ ft | Well Water Volume: | gal | | |
| Water Column Leng | | ft | Water Evacuated: | gal | | |
| Evacuated with: | Teflon Bailer | Waterra _ | Bladder | _ Electric Pump | Other | (specify) |
| Sampled with: | Teflon Bailer | Waterra | Bladder | Electric Pump | Other | (specify |
| | e: Odor: No | , | lew | Turbidity: 5/15 | ut | |
| Weather: | PARTISUN 55 | y Win | ds 5mph Ex | 157 | | _ |
| Environment: | WOODED | | | · · · · · · · · · · · · · · · · · · · | | |
| Remarks/Well Cond | | | | | | - |
| remarks from Some | | · · · · · · · · · · · · · · · · · · · | | , <u>,</u> , | | <u>-</u> |
| Time Collected | d Parameter 5 | | Well Integrity | | Yes | No |
| Unfiltered: | NOA (40-1) | | ell have identification sign | | | |
| Y/N | VOA (40mL) TOX (250 mL) | | ell have protective posts? | | , , = | |
| Y/N | TOC (40 mL) | | rotective casing locked a | | | |
| Y/N | Organics (1/2 gal) | | ell free of damage and in | good snape? | | |
| | Phenol (250 mL) | | ell cap fit securely? ell cap vented? | | | |
| 4'50 NN | CN- (250 mL) | | en cap vented? e area around the well ar | nnoor oloon? | -+ | |
| YIN | Grease & Oil (1 L) | | e area around the well apasing secure? | opear clean? | | |
| Y/N | Metals (Total) (500 mL) | | ce seal void of erosion ar | ound/under the ha | 1502 | |
| Y/N | General (500 mL) | | surface seal free of crack | | 136: | |
| Y/N | Ammonia (500 mL) | | surface seal sloped? | | | |
| Y/N | | | ocking cap free of rust? | | | |
| Y/N | | | struction or kinks in the v | veli? | | |
| | | | ladder pump & appurten | | rly? | |
| | | | any evidence of natural | | | X |
| | | 16. Any pro | esence of water in annula | ar space? | | X |
| | | 17. Has we | ell or protective casing be | en recently painte | d? | 1 |
| Filtered: | Field Filtered Inorganics Y / N | 18. Any gre | ease/unnatural substance | es on the top of we | ell? | 7 |
| Ø N | Metals (500 mL) | 19. Are the | ere weep holes at the bot | tom of casing? | | |
| —— ØN | Ammonia/NO _{2/} NO ₃ (500 mL) | | - | | | |
| | General (500 mL) | | | | | |
| | | | | | · |] |
| Purge Time | Gal/L pH Spec C | | Initial | Std F | Read Adjust | 1 |
| 1st Vol | 682 1310 | 13% | - | | | - |
| 2nd Vol | 6.99 7/0 | 13°C |] pH | 4.00 | 4.00 | 1 |

| Purge | Time | Gal / L | рн | Spec Con | Temp |
|---------|------|---------|------|----------|------|
| 1st Vol | | | 6.82 | 1310 | 132 |
| 2nd Vol | | | 6.99 | 7/2 | 130 |
| 3rd Vol | | | 7.04 | 730 | 12°C |

| initial | Std | Read | Adjust |
|----------|-------|------|--------|
| рН | 4.00 | | 4.00 |
| | 7.00 | | 7.00 |
| | 10.00 | | 10.00 |
| Spec Con | 1000 | | 1000 |
| opec con | 1000 | | 1000 |

Sampler's Signature:

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61612-9071

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X:lgtrudy/misc/gwsamplingform/Sheet 2-revised.xls 2/17/04

| Site/Project Nam | e/Permit No. Page | el Pit ~ | NORTH | | | | | | |
|---|---|-------------|---------------|---------------------------------|---------------|--------------------|---------|--|--|
| Monitoring Well/I | Point 6355 | Date | e: (0-/a | 2-04 | | Start Time: | 8:30 | | _ |
| | P. ZNSER | _ | | | - | - _Finish Time: | | | _ |
| | | 19.95 | - ft | | - | _ | | | _ |
| | rom MP (Prepurges) | 7.50 | ft | Well Water | Volume: | ! | gal | | |
| Water Column Le (Pipe ID: 1.5" - 0.092 g | ength: al/ft, 2"-0.16 gal/ft, 2.5 - 0.26 gal | /ft) | ft | Water Eva | cuated: | | gal | | s ^s |
| Evacuated with: | Teflon Bailer | Wa | aterra 🔍 | Bladde | r | _ Electric Pum | o | Other | (specify) |
| Sampled with: | Teflon Bailer | Wa | aterra | <u></u> Bladde | r <u></u> | _ Electric Pum | p | Other | |
| Sample Appeara | nce: Odor: No | | Color: C/ | ear | | Turbidity: 스 | light | | _ |
| Weather: | PART SUA | 1 557 | = Win | ds 5 | mph | EAST | | | _ |
| Environment: | WOODED | | | | | | | | |
| Remarks/Well Co | | | | | · - · · · · | | , | | . |
| | | | | | | <u> </u> | | · · · · · · · · · · · · · · · · · · · | ~ 7 - |
| Time Collect Unfiltered: | ted Parameter | 5) | 1 Dagawa | We Il have identi | Il Integrity | | | Yes | No |
| Y/ | N VOA (40mL) | | | I have lueriti Il have prote | | | | | |
| Y/i | | | | | | nd does key wo | ork? | X | |
| Y/I | | | | | | good shape? | | X | |
| X/1 | Organics (1/2 gal) | | | l cap fit secu | | | | X | • |
| <u> </u> | | | 6. Is the we | Il cap vented | ? | | | \times | |
| 0.1/10 | | | | | | pear clean? | | 1 | |
| Y/1 | | | | sing secure? | | _ | | X | <u> </u> |
| Y/! | | <u>1L)</u> | | | | ound/under the | base? | | X |
| Y/1 | | | | ırface seal fı | | <u>s?</u> | | | |
| Y/! | | | | rface seal s | | | | | |
| Y/ | | | | cking cap fre truction or k | | /oll2 | | | |
| | ` _ | | | | | ances work pro | nedy2 | | |
| | | | | | | contamination | | | |
| | | | | sence of wat | | | | | 7 |
| | | | 17. Has wel | l or protectiv | e casing be | en recently pai | nted? | | + |
| Filtered: | Field Filtered Inorgar | nics Y / N | 18. Any grea | ase/unnatura | al substance | s on the top o | f well? | | X |
| | Metals (500 mL) | | 19. Are there | e weep hole | s at the bott | om of casing? | | | X |
| | Ammonia/NO ₂ /NO ₃ (| 500 mL) | | | | <u></u> | | · | ـــــا |
| | General (500 mL) | | | _ | | | | | _ |
| Purge Time | e Gal/L pH | Spec Con | 1 Temp | | Initial | Std | Read | Adjust | |
| 1st Vol | 6.11 | 570 | 13° | | | | | | i i |
| 2nd Vol | 6,54 | 700 | 14% | | pН | 4.00 | | 4.00 | |
| 3rd Vol | 6.63 | 720 | 14°C | | • | 7.00 | | 7.00 | İ |
| L | | | | | | 10.00 | ···· | 10.00 | 1 |
| | | | | | | 10.00 | | | |
| | | | | | Spec Con | 1000 | | 1000 | |

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| Monitoring Well/Point Garage Fit Date: 10/12/4- Start Time: 14/38 Field Personnel: Start Time: 14/38 Well Depth (Bottom) From MP: 39.81 ft Depth to Water From MP (Prepurges) 53.3 ft Well Water Volume: gal | |
|--|----------|
| Well Depth (Bottom) From MP: 39.81 ft | |
| Well Depth (Bottom) From MP: 39.81 ft | |
| | |
| THE DUTING A VALUE TO THE REPORT OF THE TABLE AND THE STATE OF THE TABLE AND THE TABLE | |
| | |
| Water Column Length: ft Water Evacuated: gal (Pipe ID: 1.5" - 0.092 gal/ft, 2"-0.16 gal/ft, 2.5 - 0.26 gal/ft) | |
| Evacuated with: Teflon Bailer Waterra Bladder Electric Pump Other (spe | cify |
| Sampled with: Teflon Bailer Waterra Bladder Electric Pump Other (spe | cify |
| Sample Appearance: Odor: None Color: Clear Turbidity: trace | • |
| | |
| | |
| | |
| Remarks/Well Condition: Vo Lock | • |
| Time Collected Parameter Well Integrity Form Yes N | lo |
| Time Collected Parameter Well Integrity Form Yes N Unfiltered: 1. Does well have identification sign? | <u> </u> |
| Y / N VOA (40mL) 2. Does well have protective posts? | |
| Y / N TOX (250 mL) 3. Is the protective casing locked and does key work? | |
| Y / N TOC (40 mL) 4. Is the well free of damage and in good shape? | |
| Y / N Organics (1/2 gal) 5. Does well cap fit securely? | - |
| Y / N Phenol (250 mL) 6. Is the well cap vented? | |
| Y / N CN- (250 mL) 7. Does the area around the well appear clean? | |
| Y / N Grease & Oil (1 L) 8. Is the casing secure? | |
| Y / N Metals (Total) (500 mL) 9. Is surface seal void of erosion around/under the base? / / N Metals (Total) (500 mL) | |
| Y/N General (500 mL) 10. Is the surface seal free of cracks? Y/N Ammonia (500 mL) 11. Is the surface seal sloped? | |
| | |
| | |
| Y / N 13. Any obstruction or kinks in the well? 14. Does bladder pump & appurtenances work properly? | |
| 15. Is there any evidence of natural contamination? | . — |
| 16. Any presence of water in annular space? | |
| 17. Has well or protective casing been recently painted? | |
| Filtered: Field Filtered Inorganics Y / N 18. Any grease/unnatural substances on the top of well? | |
| Y / N Metals (500 mL) 19. Are there weep holes at the bottom of casing? | |
| Y/N Ammonia/NO ₂ /NO ₃ (500 mL) | |
| Y / N General (500 mL) | |
| Purge Time Gal / L pH Spec Con Temp Initial Std Read Adjust | |
| 1st Vol 729 780 54 | |
| 2nd Vol 97.29 710 53.6 pH 4.00 4.00 | |
| 3rd Vol 7.36 7.20 53 7.00 7.00 | |
| 10.00 10.00 | |
| 10.00 | |
| Spec Con 1000 1000 | |

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| 10.00 10.00 Spec Con 1000 1000 | | el Pit Nor | 1/ | | | _ | |
|---|---|--------------------|--|----------------------|--|-----------|--|
| Well Depth (Bottom) From MP: | Monitoring Well/Point 637 D | Date: <u>∫ ⊅</u> - | 1204 | | | _ | |
| Depth to Water From MP (Prepurges) | Field Personnel: | TM | | _ Finish Time: $8:6$ | 8 | - | |
| Depth to Water From MP (Prepurges) | Well Depth (Bottom) From MP: | 81,77 A | | | | | |
| Evacuated with: | | 4.87 ft | Well Water Volume: | gal | | | |
| Sample Appearance: Odor: No Note: Specify Sample Appearance: Odor: No Note: Specify Sample Appearance: Odor: No Note: Specify School Specify School Specify Sp | | | Water Evacuated: | gal | | | |
| Sample Appearance: Odor: \(\text{Odor: Gray} \) Turbidity: \(\text{SU Godor: Gray} \) Turbidity: \(\text{SU Godor: Gray} \) Weather: \(\text{Color: Gray} \) Color: \(\text{Gray} \) Turbidity: \(\text{SU Godor: Gray} \) Substitution: \(\text{Color: Gray} \) Turbidity: \(\text{SU Godor: Gray} \) Substitution: \(\text{Color: Gray} \) Turbidity: \(\text{SU Godor: Gray} \) Substitution: \(\text{Color: Gray} \) Sub | Evacuated with: Teflon Bailer | Waterra | Bladder | _ Electric Pump | Other | (specify) | |
| No | Sampled with: Teflon Bailer | Waterra | Bladder | _ Electric Pump | Other | (specify) | |
| No | Sample Appearance: Odor: Na NE | Color: | GRAY | Turbidity: SUL64 | ~ | | |
| Collected | Weather: Cloudy. | 55° | • | | | • | |
| Time | 1 1 | | | | | • | |
| Time Collected Parameter Well Integrity Form Yes No | | | | | | | |
| 1. Does well have identification sign? 2. Does well have protective posts? 2. Does well have identification sign? 2. Does well have protective posts? 2. Does well have identification sign? 2. Does well have protective posts? 2. Does well have protective posts? 2. Does well have protective posts? 2. Does well have identification sign? 2. Does well have identification sign? 2. Does well have protective casing locked and does key work? 2. Does well have identification sign? 2. Does well have identification sign? 2. Does well have identification sign? 2. Does well have protective posts? 2. Does well have protective casing boed receively? 2. Does well have identification sign? 2. Does well have protective casing boed receively? 2. Does well have protective casing been receively painted? 2. Does well cap fit securely? 2. Does tell cap fit securely? 2. | Troniand von Continuen | | ······································ | | | — | |
| Y/N VOA (40mL) 2. Does well have protective posts? X X Y/N TOX (250 mL) 3. is the protective casing locked and does key work? X X Y/N TOC (40 mL) 4. Is the well free of damage and in good shape? X X Y/N Y/N CN- (250 mL) 5. Does well cap fit securely? X X Y/N CN- (250 mL) 7. Does the area around the well appear clean? 7. Does the | | | | | | No | |
| Y / N TOX (250 mL) 3. is the protective casing locked and does key work? Y / N TOX (40 mL) 4. is the well free of damage and in good shape? Y / N Phenol (250 mL) 5. Does well cap fit securely? X / N Phenol (250 mL) 7. Does the area around the well appear clean? Y / N Phenol (250 mL) 7. Does the area around the well appear clean? Y / N Phenol (500 mL) 7. Does the area around the well appear clean? Y / N Phenol (500 mL) 9. is surface seal void of erosion around/under the base? 10. is the surface seal free of cracks? 11. is the surface seal sloped? Y / N | T. T. | | | | X | | |
| Some content of the | | | | | 1 | - | |
| Y/N Metals (Total) (500 mL) Surface seal void of erosion around/under the base? | Y / N TOC (40 mL) | | | good shape? | | | |
| Y/N Metals (Total) (500 mL) Surface seal void of erosion around/under the base? | Y/N Organics (1/2 gal) | | | | | | |
| Y/N Metals (Total) (500 mL) Surface seal void of erosion around/under the base? | N Friellor (250 mL) | | | | | | |
| Filtered: Field Filtered Inorganic V N Metals (500 mL) Purge Time Gal / L pH Spec Con Temp Purge Time Gal / L pH Spec Con Temp 21. Is the locking cap nee of rustral contamination? 13. Any obstruction or kinks in the well? 14. Does bladder pump & appurtenances work property? 15. Is there any evidence of natural contamination? 16. Any presence of water in annular space? 17. Has well or protective casing been recently painted? 18. Any grease/unnatural substances on the top of well? 19. Are there weep holes at the bottom of casing? Initial Std Read Adjust 15. Is there any evidence of natural contamination? 16. Any presence of water in annular space? 17. Has well or protective casing been recently painted? 19. Are there weep holes at the bottom of casing? Initial Std Read Adjust PH 4.00 4.00 7.00 7.00 10.00 10.00 Spec Con 10.00 10.00 | Y/N Grease & Oil (1 L) | | | | | | |
| Filtered: Field Filtered Inorganic V N Metals (500 mL) Purge Time Gal / L pH Spec Con Temp Purge Time Gal / L pH Spec Con Temp 21. Is the locking cap nee of rustral contamination? 13. Any obstruction or kinks in the well? 14. Does bladder pump & appurtenances work property? 15. Is there any evidence of natural contamination? 16. Any presence of water in annular space? 17. Has well or protective casing been recently painted? 18. Any grease/unnatural substances on the top of well? 19. Are there weep holes at the bottom of casing? Initial Std Read Adjust 15. Is there any evidence of natural contamination? 16. Any presence of water in annular space? 17. Has well or protective casing been recently painted? 19. Are there weep holes at the bottom of casing? Initial Std Read Adjust PH 4.00 4.00 7.00 7.00 10.00 10.00 Spec Con 10.00 10.00 | Y / N Metals (Total) (500 r | | | | | | |
| Filtered: Field Filtered Inorganic V N Metals (500 mL) Purge Time Gal / L pH Spec Con Temp Purge Time Gal / L pH Spec Con Temp 21. Is the locking cap nee of rustral contamination? 13. Any obstruction or kinks in the well? 14. Does bladder pump & appurtenances work property? 15. Is there any evidence of natural contamination? 16. Any presence of water in annular space? 17. Has well or protective casing been recently painted? 18. Any grease/unnatural substances on the top of well? 19. Are there weep holes at the bottom of casing? Initial Std Read Adjust 15. Is there any evidence of natural contamination? 16. Any presence of water in annular space? 17. Has well or protective casing been recently painted? 19. Are there weep holes at the bottom of casing? Initial Std Read Adjust PH 4.00 4.00 7.00 7.00 10.00 10.00 Spec Con 10.00 10.00 | Y / N General (500 mL) | | | | | | |
| Filtered: Field Filtered Inorganics YN Metals (500 mL) Purge Time Gal / L pH Spec Con Temp 13. Any obstruction or kinks in the well? 14. Does bladder pump & appurtenances work properly? 15. Is there any evidence of natural contamination? 16. Any presence of water in annular space? 17. Has well or protective casing been recently painted? 18. Any grease/unnatural substances on the top of well? 19. Are there weep holes at the bottom of casing? Purge Time Gal / L pH Spec Con Temp Initial Std Read Adjust 1st Vol 2nd Vol 1 | Y/N Animonia (300 ml.) | | | | | | |
| Filtered: Field Filtered Inorganics Y N Metals (500 mL) Purge Time Gal / L pH Spec Con Temp 1st Vol | | | | vell? | | + | |
| Filtered: Field Filtered Inorganics VN Metals (500 mL) Ammonia/NO ₂ /NO ₃ (500 mL) Purge Time Gal / L pH Spec Con Temp 1st Vol 2nd Vol 2nd Vol 3rd Vol 16. Any presence of water in annular space? 17. Has well or protective casing been recently painted? 18. Any grease/unnatural substances on the top of well? 19. Are there weep holes at the bottom of casing? Initial Std Read Adjust PH 4.00 4.00 7.00 7.00 10.00 Spec Con 10.00 Spec Con 10.00 Spec Con 10.00 Spec Con 10.00 | | 14. Do | es bladder pump & appurten | ances work properly? | 又 | | |
| Filtered: Field Filtered Inorganics YN Metals (500 mL) Ammonia/NO ₂ /NO ₃ (500 mL) Purge Time Gal / L pH Spec Con Temp Initial Std Read Adjust 1st Vol 2nd Vol 3rd Vol Field Filtered Inorganics YN Metals (500 mL) 19. Are there weep holes at the bottom of casing? Initial Std Read Adjust pH 4.00 4.00 7.00 7.00 10.00 Spec Con 1000 Spe | | | | | -} | <u> </u> | |
| Filtered: Field Filtered Inorganics Y N Metals (500 mL) 19. Are there weep holes at the bottom of casing? Purge Time Gal / L pH Spec Con Temp Initial Std Read Adjust 18. Any grease/unnatural substances on the top of well? 19. Are there weep holes at the bottom of casing? Initial Std Read Adjust pH 4.00 4.00 3rd Vol PH 4.00 7.00 7.00 10.00 10.00 Spec Con 1000 1000 | | | | | | | |
| Metals (500 mL) 19. Are there weep holes at the bottom of casing? | Filtered: Field Filtered Inorgan | | | | 11 | | |
| Purge Time Gal / L pH Spec Con Temp Initial Std Read Adjust | ^ | | | | 1 | - | |
| Purge Time Gal / L pH Spec Con Temp Initial Std Read Adjust | Ammonia/NO ₂ /NO ₃ (s | | | | 11 | | |
| 1st Vol 6.8.3 8 4 6 1.3 pH 4.00 4.00 3rd Vol (4.8 6 8.2 6 1.3 1.1 1.00 1.0 | General (500 mL) | | | | | | |
| 2nd Vol | Purge Time Gal/L pH | Spec Con Tem | p Initial | Std Read | Adjust | | |
| 3rd Vol | | 1846 11.3 | 3 | | | | |
| 10.00 10.00 Spec Con 1000 1000 | 2nd Vol 4.84 | 1827 11.1 | рН | 4.00 | 4.00 | | |
| Spec Con 1000 1000 | 3rd Vol | 1824 11 | | 7.00 | 7.00 | | |
| | | • | | 10.00 | 10.00 | | |
| | ^ | ^ | Snoo Con | 1000 | 1000 | | |
| | () | () | Spec Con | 1000 | 1000 | | |
| Samplede Signature: N. M. J. M. V. | Sampler's Signature: | V | <u> </u> | L | لـــــــــــــــــــــــــــــــــــــ | | |

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| Site/Project Name/Permit No. Pagel Pit | NORT | 7+ | | · | | | |
|---|-------------------|---|---------------|-------------------|-------|----------|-----------------|
| Monitoring Well/Point 6375 Da | ate: <u> </u> 0 - | 12-04 | | Start Time: | | | _ |
| Field Personnel: | | | | Finish Time: | 8:13 | | _ |
| Well Depth (Bottom) From MP: 17.61 | ft | | | | | | |
| Depth to Water From MP (Prepurges) 5.6 | | Well Water ' | Volume: | ga | al | | |
| Water Column Length: | ft | Water Evac | uated: | ga | al | | |
| (Pipe ID: 1.5" - 0.092 gal/ft, 2"-0.16 gal/ft, 2.5 - 0.26 gal/ft) | | | | | | | |
| Evacuated with: Teflon Bailer\ | Waterra | 1 🗸 | | _Electric Pump | | | |
| Sampled with: Teflon Bailer V | | Bladder | | _Electric Pump | | _ Other | (specif |
| Sample Appearance: Odor: None | Color: | None | | Turbidity: 5 | 41614 | | |
| Weather: Cloudy 55° | | | | | | <u> </u> | - |
| Environment: 6 RASI / WOOD | | | | | | | |
| Remarks/Well Condition: | | | | | | | • |
| | | | | | | | • |
| Time Collected Parameter | 4 5 | | I Integrity I | | | Yes | No |
| Unfiltered: 5 Y / N VOA (40mL) | | s well have identifi s well have protect | | | | _X_ | × |
| Y / N TOX (250 mL) | | e protective casing | | | k? | 1 | -~ - |
| Y / N TOC (40 mL) | | e well free of dama | | | | 7 | |
| Y/N Organics (1/2 gal) | | well cap fit secur | | | | * | - |
| Y/N TOC (40 mL) Y/N Organics (1/2 gal) Phenol (250 mL) CN- (250 mL) Y/N Grease & Oil (1 L) Y/N Metals (Total) (500 mL) Y/N General (500 mL) Y/N Ammonia (500 mL) | | well cap vented? | | | | | |
| Y/N Grease & Oil (1 L) | | the area around casing secure? | tne well ap | pear clean? | | 7 | |
| Y/N Metals (Total) (500 mL) | | rface seal void of | erosion arc | ound/under the b | pase? | | |
| Y/N General (500 mL) | | ne surface seal fre | | | | | |
| Y / N Ammonia (500 mL) | | ne surface seal sic | | | | 1 | |
| | | ne locking cap free | | | | 7 | |
| Y/N | | obstruction or kin | | | ody2 | - | * |
| | | es bladder pump & nere any evidence | | | | V > | + |
| | | presence of wate | | | | | ٽ |
| | | well or protective | | | ted? | | ~ |
| Filtered: Field Filtered Inorganics Y / N | 18. Any | grease/unnatural | substance | s on the top of v | vell? | | 2 |
| Metals (500 mL) | 19. Are | there weep holes | at the botto | om of casing? | | | |
| Ammonia/NO ₂ /NO ₃ (500 mL) | | | | | | | |
| (500 mL) | | _ | | | | | |
| Purge Time Gal / L pH Spec Co | on Temj | p | Initial | Std | Read | Adjust | |
| 1st Vol | | | | | | | |
| 2nd Vol 6.89 1058 | | - | н | 4.00 | | 4.00 | |
| 3rd Vol 6.87 104 | 1 12.9 | | | 7.00 | | 7.00 | |
| | 1 1 2 1 | | | 10.00 | | 10.00 | |
| | | | • | 10.00 | | 10.00 | |
| \cap | | s | pec Con | 1000 | | 1000 | |
| \sim \sim | | | | | | | |
| Sampler's Signature: | | L_ | 1 | <u> </u> | | | |

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| Site/Projec | ct Name/F | Permit No. Pag | el Pit | 4 | | | | | | _ |
|--------------|-----------|---|-------------|-------------|-------------------|---------------|------------------|-------|-------------|----------|
| Monitoring | Well/Poi | nt G 38 5 | Date | e: 10/ | 12/1 | | Start Time: | 14 | 40 | |
| Field Person | | DM3 | | | | | Finish Time: | 14: | ₹ | _ |
| Well Depth | ı (Bottom | From MP: | 32,60 | ft | | | | | | _ |
| | • | n MP (Prepurges) | 1038 | — ft | Well Water | Volume: | ga | al | | |
| Water Col | umn Leng | th: | | ft | Water Evad | cuated: | g | al | | |
| | | , 2"-0.16 gai/ft, 2.5 - 0.26 ga | | | i. | | | | | |
| Evacuated | with: _ | Teflon Bailer | Wa | aterra | Pladde | | _ Electric Pump | | Other | (specify |
| Sampled w | vith: _ | Teflon Bailer | Wa | | Bladde | | _ Electric Pump | | Other | (specify |
| Sample Ap | pearance | e: Odor: Mona | | Color: | Clear | | Turbidity: て | rac. | 1 | _ |
| Weather: | | Sunny | 6007 | ` | | | | | | |
| Environme | nt. | | round | | | | | | | - |
| Remarks/V | | | | | | | | | | - |
| Remarks | veli Cond | mon. | | · | | | | | | • |
| Time | Collected | l Parameter | 5 | | We | ell Integrity | Form | | Yes | No |
| Unfiltered: | | | | 1. Does | well have identi | | | | X | |
| | Y/N | VOA (40mL) | | | well have prote | | | | | Y |
| | Y/N | TOX (250 mL) | | | | | nd does key wor | k? | X | |
| 1.120 | Y/N | TOC (40 mL) | | 4. Is the | well free of dan | nage and in | good shape? | | 1 | |
| 773 C | _ Y/N | Organics (1/2 gal) | | | well cap fit secu | | | | X | |
| | Y/N | Phenol (250 mL) | | | well cap vented | | | | Υ | Ĺ |
| | Y/N | CN- (250 mL) | | | the area around | | pear clean? | | Y | |
| | Y/N | Grease & Oil (1 L) | _ | | casing secure? | | | | Υ | |
| | Y/N | Metals (Total) (500 r | nL) | 9. Is sur | face seal void o | f erosion ar | ound/under the l | pase? | X | |
| | Y/N | General (500 mL) | | 10. Is th | e surface seal fr | ee of crack | s? | | V | |
| | Y/N | Ammonia (500 mL) | | | e surface seal s | | | | 1 | |
| | Y/N | | | 12. Is th | e locking cap fre | ee of rust? | | | | |
| | Y/N | | | | obstruction or k | | | | | Ý |
| | | | | | | | ances work prop | erly? | X | |
| | | | | | | | contamination? | | | Χ' |
| | | | | | presence of wat | | | | | x |
| | | | | 17. Has | well or protectiv | e casing be | en recently pain | ted? | | r |
| Filtered: | | Field Filtered Inorga | nics Y / N | 18. Any | grease/unnatura | al substance | es on the top of | vell? | | |
| | Y/N | Metals (500 mL) | | 19. Are t | there weep hole | s at the bott | om of casing? | | X | |
| | Y/N | Ammonia/NO _{2/} NO ₃ (| 500 mL) | | | | | | | |
| | Y/N | General (500 mL) | | | | | | | | |
| Purge | Time | Gal/L pH | Spec Con | Temp | , | Initial | Std | Read | Adjust | |
| | 7 11116 | 9 09 | | 135 | | muai | <u> </u> | Neau | Aujust | |
| 1st Vol | | - | | | <u>-</u> | | | | | |
| 2nd Vol | <u>.</u> | 7.00 | | 55 | <u></u> | рH | 4.00 | | 4.00 | |
| 3rd Vol | | 7/2 | 1870 | 35 | | | 7.00 | | 7.00 | |
| - ' | | | | | · - | | 10.00 | | 10.00 | |
| | / | | | | | | • | | | |

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Sampler's Signature:

Spec Con

1000

1000

| Site/Project Name/Permit No. Pagel Pi | t NORTH | | | | | _ |
|---|--|---------------------|---------------------------------------|-------------|--|--------------|
| Monitoring Well/Point 6395 | Date: 10-12-44 | | Start Time: | | | _ |
| Field Personnel: | | | _Finish Time | 9:4 | 2 | _ |
| Well Depth (Bottom) From MP: 53 | 3.49 ft | | | | | _ |
| | - | Water Volume: | | gal | | |
| Water Column Length: (Pipe ID: 1.5" - 0.092 gal/ft, 2"-0.16 gal/ft, 2.5 - 0.26 gal/ft) | ft Wate | er Evacuated: | | gal | | |
| Evacuated with: Teflon Bailer | WaterraB | Bladder | _Electric Pum | ıp | Other | (specif |
| Sampled with: Teflon Bailer | Waterra B | Bladder | _ Electric Pum | ip | Other | (specif |
| Sample Appearance: Odor: NovE | | <i></i> | Turbidity: | 54614 | | |
| Weather: P Cloudy | 550 | | | , | • | • |
| | | | · · · · · · · · · · · · · · · · · · · | | | • |
| | EED ALONG | (Co/fr) | | | | - |
| Remarks/Well Condition: | | | | | | • |
| Time Collected Parameter | | Well Integrity | Form | | Yes | No |
| Unfiltered: | 1. Does well have | | | | 100 | -110 |
| Y / N VOA (40mL) | 2. Does well have | | | | | X |
| Y / N TOX (250 mL) | 3. Is the protective | | | | | × |
| Y/N TOC (40 mL) | 4. Is the well free | | good shape? | | X | |
| Y/N TOX (250 mL) Y/N TOC (40 mL) Y/N Organics (1/2 gal) Phenol (250 mL) CN- (250 mL) Y/N Grease & Oil (1 L) Y/N Metals (Total) (500 mL) Y/N General (500 mL) Y/N Ammonia (500 mL) | 5. Does well cap f | | | | | |
| Phenol (250 mL) CN- (250 mL) | 6. Is the well cap | | | | <u> </u> | |
| Y/N CN- (250 mL) Y/N Grease & Oil (1 L) | 7. Does the area a | | pear clean? | ··· | 1 | |
| Y/N Metals (Total) (500 mL) | Is the casing se Is surface seal | | ound/under the | n hasa? | | - |
| Y/N General (500 mL) | 10. Is the surface | | | e base ! | | |
| Y/N Ammonia (500 mL) | 11. Is the surface | | | | X | |
| Y/N | 12. Is the locking | | | | 1 | |
| Y/N | 13. Any obstructio | | vell? | | | Ø |
| | 14. Does bladder | | | operly? | | |
| | 15. Is there any ev | | | 1? | | ~ |
| | 16. Any presence | | | | | <u>×</u> |
| | 17. Has well or pro | | | | 4 | - |
| Filtered: Field Filtered Inorganias Y | /N 18. Any grease/un | | | | | <u>~</u> |
| N Metals (500 mL) | 19. Are there wee | p holes at the bott | om of casing? | · | <u> </u> | <u>~</u> |
| M / N Ammonia/NO ₂ /NO ₃ (500 mL | -) | | | | | |
| [™] N <u>General (500 mL)</u> | | | | | | |
| Purge Time Gal/L pH Spe | c Con Temp | Initial | Std | Read | Adjust | |
| 1st Vol 6,57 12: | 27 12 | | | · · · · · · | | |
| | 20 12 | рН | 4.00 | | 4.00 | |
| | 30 12 | | 7.00 | | 7.00 | |
| | - 1 • • | | 10.00 | | 10.00 | |
| | | | 10.00 | | 1 10.00 | |
| \wedge | | S=== 0== | 4000 | | 1 4000 | |
| () _ ^ | | Spec Con | 1000 | | 1000 | |
| \ | | I | i l | | 1 1 | |

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| | | Permit No. | | | | | | | | | |
|---------------------|---------------|-------------------------------|-----------------|---------------|-------------|-----------------------|---------------|-------------------------|-------------|--|------------------|
| Monitorin | g Well/Po | int_ <i>G</i> 4 | 10 S | Dat | e: 10/12 | 2/4 | | Start Time: | 1/20 | 5 | - |
| Field Pers | | Don | | | | | | Finish Time | /数~ | 30 | _ |
| Well Dept | h (Bottom |) From MP: | | 38 70 | / ft | | | · | | | _ |
| • | | m MP (Prepu | | 2899 | | Well Wate | r Volume: | | gal | | |
| Water Col | | | 5 • 7 | | | | | Low 71. | (m) | | |
| (Pipe ID: 1.5" | - 0.092 gal/1 | gur. ft, 2"-0.16 ga!/ft, 2 | 2.5 - 0.26 gal/ | rft) | - '\ | vvater Lva | cualeu. | | gai | | |
| Evacuated | d with: | Teflon | Bailer | W | aterra _ | <u></u> ✓ Bladde | er | _ Electric Pum | р | Other | (specify |
| Sampled v | with: _ | Teflon | Bailer | Wa | aterra _ | _∤ Bladde | er | _ Electric Pum | ıp | Other | (specify |
| Sample A | ppearance | e: Odor: | Non | . U | Color: 4 | Plan | | Turbidity: | Lunca | | _ |
| Weather: | | Sun | ng. | 4004 | Wil |) 5 | 10 m | P | | | _ |
| Environme | • | Duy | ₹ ro | un | ^ . | | | | | | • |
| RemarksA | | T | Jn | | | | | · | | | • |
| (Cinaiks/ | TTCII CONC | | | | | | | | | | |
| Time | Collected | d Para | meter (| <u>5</u> ^) | | | ell Integrity | | | Yes | No |
| Unfiltered: | | | | | | ell have ident | | | | <u> </u> | 1 |
| | Y/N | VOA (40m | | | | ell have prote | | | | | 1 |
| | Y/N | TOX (250 I | | | | | | nd does key w | | | <u> </u> |
| | Y/N | TOC (40 m | | | | | | good shape? | | 12 | |
| $\frac{7135}{1135}$ | Y/N | Organics (| 1/2 gai) | _ | | ell cap fit sec | | | | 1 | |
| | Y/N | Phenol (25 | | | | ell cap vente | | 1 0 | | | |
| | Y/N | CN- (250 n | | | | | | pear clean? | | 1-1/- | |
| | Y/N | Grease & C | | . | | sing secure? | | | 0 | 1-1 | |
| | Y/N | Metals (To | | IL) | | | | ound/under the | e base? | 1-4- | |
| | Y/N Y/N | General (5 | | | | urface seal f | | <u>s?</u> | | */ | |
| | Y/N | Ammonia (| 300 ML) | _ | | surface seal s | | | | | |
| | Y/N | | | _ | | ocking cap fro | | | | | - } - |
| | 1 / 14 | | | | | struction or k | | veii? ances work pro | mortu? | | |
| | | | | | | | | contamination | | ^- | V |
| | | | | | | sence of wa | | | <u></u> | | 1 |
| | | | | | | | | en recently pa | inted? | 1 | -1 |
| Filtered: | | Field Filtere | ed Inorgan | ics Y / N | | | | es on the top o | | 1 | V |
| | Y/N | Metals (500 | _ | | | | | tom of casing? | | V | - |
| | Y/N | Ammonia/N | | - 600 mL) | 110,700,010 | . с ., с с р ., с . с | <u> </u> | .o.ii o. oabiiigi | | <u>-</u> | |
| | Y/N | General (50 | 00 mL) | _ | | | | | | | |
| _ | | | | | _ | | | | | | |
| Purge | Time | Gal / L | PH 9730 | Spec Con | | 1 | Initial | Std | Read | Adjust | |
| 1st Vol | | | | | 403 | - | | | | | |
| 2nd Vol | | ļ | 688 | 1320 | 600 |] | pН | 4.00 | | 4.00 | |
| 3rd Vol | | <u> </u> | 685 | 1230 | 60 G |] | | 7.00 | | 7.00 | |
| | | | | | | | | 10.00 | | 10.00 | |

Sampler's Signature:

| | 10.00 | 10.00 |
|----------|-------|-------|
| | | |
| Spec Con | 1000 | 1000 |
| | | |
| | | |

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| Site/Project Name/Permit No. Pagel Pit | RTIT | | | | | _ |
|---|---|-----------------|----------------|---------------|--|---------------|
| Monitoring Well/Point 641 D Date: | 10-12-04 | | Start Time: | | | _ |
| Field Personnel: | | | Finish Time | : 11:1 | 7 | - |
| Well Depth (Bottom) From MP: /c/, 4 c | >ft | | _ | | J | _ |
| Depth to Water From MP (Prepurges) 20.86 | - | er Volume: | | gal | | |
| · | ft Water Eva | acuated: | | gal | | |
| Evacuated with: Teflon Bailer Wat | terra Bladde | er | _Electric Pum | ıp | Other | (specify) |
| Sampled with: Teflon Bailer Wate | erra 🔀 Bladde | er | _Electric Pum | ip | Other | (specify) |
| 1 | Color: None | | Turbidity: ఎ | | | |
| Weather: P. Closely 5. | | | | | | • |
| Environment: WODDS | <u> </u> | | | | | • |
| Remarks/Well Condition: | | | | | | • |
| Remarks/vveii Condition. | | | | | | • |
| Time Collected Parameter | W | ell Integrity | Form | | Yes | No |
| Unfiltered: 5 | 1. Does well have iden | tification sigr | 1? | | 7 | |
| | 2. Does well have prote | | | | | + |
| | 3. Is the protective cas | | | | 1-5 | |
| | 4. Is the well free of da | | good snape? | | <u> </u> | |
| | 5. Does well cap fit sec | | | | 1 | |
| CN- (250 mL) | 6. Is the well cap vente7. Does the area aroun | | noor cloop? | - | | |
| Y/N Grease & Oil (1 L) | 8. Is the casing secure | | pear clean? | | - 4 | |
| | 9. Is surface seal void | | ound/under the | hasa2 | | |
| | 10. Is the surface seal | | | e Dase : | | |
| | 11. Is the surface seal | | 91 | | 1 | |
| | 12. Is the locking cap fr | | | | 1 | |
| | 13. Any obstruction or i | | /ell? | | | × |
| | 14. Does bladder pump | | | operly? | Z | |
| | 15. Is there any evidence | | | | / | × |
| | 16. Any presence of wa | | | | | X |
| [| 17. Has well or protective | ve casing be | en recently pa | inted? | | V |
| Filtered: Field Filtered Inorganics Y / N | 18. Any grease/unnatur | al substance | s on the top o | f well? | | \mathcal{Z} |
| Metals (500 mL) | 19. Are there weep hole | es at the bott | om of casing? | | | ~~ |
| N Ammonia/NO ₂ /NO ₃ (500 mL) | | | <u> </u> | | | |
| N General (500 mL) | | | | | | |
| Purge Time Gal / L pH Spec Con | Temp | Initial | Std | Read | Adjust | |
| 1st Vol 7.25 658 | 15 | | | | | |
| 2nd Vol 7,23 652 | 75 | На | 4.00 | | 4.00 | |
| 3rd Vol 7.20 679 | 73 | | 7.00 | | 7.00 | |
| | · | | 10.00 | | 10.00 | |
| | | 1 | 10.00 | | 10.00 | |
| \wedge | | Spec Con | 1000 | | 1000 | |

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Sampler's Signature:

| Site/Proje | ect Name/ | Permit No. | Page | Pit / | UDRTH | / | | | | | _ |
|---------------------|-------------------------------|-------------------------------|-------------------------------------|---------------|-------------------------|--|-------------|--------------|--------|--|----------------|
| Monitorin | g Well/Po | int41 | m | Date | e: <u>/o</u> ~/ | 12-04 | | Start Time: | | | _ |
| Field Per | | | 1 | JM | | | | Finish Time: | 10: | 42 | _ |
| Well Dep | th (Bottom |) From MP: | = ' | 61.50 | ft | | | | | | - |
| | | , m MP (Prept | ırges) | 18.66 | _ | Well Water Volu | ıme: | | gal | | |
| Water Co | olumn Leng 5" - 0.092 gal/ | gth: ft, 2"-0.16 gal/ft, : | 2.5 - 0.26 gai/f | t) | ft | Water Evacuated | d: | | gal | | |
| Evacuate | d with: | Teflon | Bailer | Wa | aterra <u>X</u> Bladder | | | Electric Pum | р | Other | (specify) |
| Sampled | with: | Teflon | Bailer | Wa | iterra | Bladder | | Electric Pum | р | Other | (specify) |
| | | e: Odor: N | ONE | | Color: | | | | | 116 | • • |
| Weather: | | \mathcal{P} | 1/03/4 | 1 550 |) | | | | | - | • |
| Environm | | | 2003 | 7 | | | <u>.</u> | | · | | • |
| | Well Cond | | | | | . — | · · · · · · | | | | • |
| | | | | | | | | | | | |
| Time Unfiltered: | Collecte کے | <u>d</u> Para | ımeter | | 1 Does w | Well Intervell have identification | | | | Yes | No |
| Offilitered | Y/N | VOA (40m | L) | | | ell have protective | | | | | 0× |
| | Y/N | TOX (250 | | | | rotective casing loc | | | ork? | | DC- |
| | Y/N | TOC (40 m | | <u>-</u> | | vell free of damage | | | | ブ | |
| | YAN | Organics (| | | | ell cap fit securely? | · | | | \times | - |
| | N | Phenol (25 | | | | vell cap vented? | | | | <u> </u> | |
| | - GAN | CN- (250 r | | | | ne area around the v | well app | ear clean? | | * | |
| | Y/N | Grease & C | | . | | asing secure? | | | | | |
| | Y/N | Metals (To | | <u>L)</u> | | ce seal void of eros | | | base? | | |
| | Y/N - Y/N | General (5 | | | | surface seal free of | | ? | | | <u>~</u> |
| | - Y/N | Ammonia (| (500 ML) | | | surface seal sloped | | | | 1 🛠 | |
| | - Y/N | | | _ | | locking cap free of robstruction or kinks in | | -II2 | | | 7 |
| | - ' ' ' ' | | | - | | bladder pump & app | | | norly2 | 1 | |
| | | | | | | e any evidence of n | | | | | × |
| | | | | | | esence of water in | | | • | 1 | <u>~</u> |
| | | | | | | ell or protective cas | | | inted? | | حد |
| Filtered: | | Field Filter | ed Inorgani | OS YPN | | ease/unnatural sub | | | | | 4 |
| | XIN | Metals (500 | 0 mL) | | 19. Are the | ere weep holes at th | he botto | m of casing? | | | \overline{z} |
| | 70N | Ammonia/N | NO ₂ /NO ₃ (5 | _ 00 mL) | | <u>, </u> | | | · , | <u> </u> | |
| | . ₩N | General (50 | 00 mL) | - | | | | | | | |
| D | T: | Califi | 51 | 0 | | Γ | | | | | |
| Purge | Time | Gal / L | PH TASS | Spec Con | Temp | | itial | Std | Read | Adjust | |
| 1st Vol | | | 7.08 | 1/528 | 117 | - | Г | | | | |
| 2nd Vol | | | 7.10 | 1636 | 1-14.1 | _ pH | L | 4.00 | | 4.00 | |

| Purge | Time | Gal / L | pН | Spec Con | Temp |
|---------|------|---------|------|----------|------|
| 1st Vol | | | 7.08 | 1528 | 14 |
| 2nd Vol | | | 7.10 | 1636 | 14.1 |
| 3rd Vol | | | 7.11 | 1633 | 14.1 |

| Initial | Std | Read | Adjust |
|----------|-------|------|--------|
| рН | 4.00 | | 4.00 |
| | 7.00 | | 7.00 |
| | 10.00 | | 10.00 |
| | | | |
| Spec Con | 1000 | | 1000 |
| | | | |

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| Site/Project | Name/F | Permit No. Pag | gel Pit | NIRTH | | | | | | _ |
|----------------|----------------|--|--|---------------------|--------------------------------------|----------------|--|----------|--|-----------|
| Monitoring V | Nell/Poi | nt 6415 | D | | 12-04 | | Start Time: | | | |
| Field Persor | | | Tom | | | _ | _Finish Time: | 10:5 | ~2 | <u>.</u> |
| Well Depth | | From MP: | 37.7 | 9 ft | | | _ | | | = |
| · | | n MP (Prepurges) | | -≠ ft | Well Wate | r Volume: | | jal | | |
| Water Colur | nn Lena | th: | | ft ft | Water Eva | cuated: | | , jal | | |
| | | , 2"-0.16 gal/ft, 2.5 - 0.26 | | | \ | _ | Electric Dum | | Other | /aa:6-\ |
| | | Teflon Bailer | | | Bladde | | _ Electric Pump | | | _ |
| · · | | Teflon Bailer | | | | | _ Electric Pump | | Other | (specity) |
| Sample App | earance | : Odor: ORGA | vic_ | Color: 7 | Mr. | | Turbidity: 🍮 | 16 12 | | |
| Weather: | | P Cla | v dy | <i>5S</i> ^ | | | | | | |
| Environment | t: | WOODS | | | | | | | | |
| Remarks/Wo | ell Cond | ition: | | | | | | | | |
| (Acilia/KS/44) | cii Ooria | ition. | | | | | 7 | | | • |
| Time (| Collected | Parameter | | | We | ell Integrity | Form | | Yes | No |
| Unfiltered: | Š | | | | vell have ident | ification sigr | 1? | | * | |
| | Y/N | VOA (40mL) | | | vell have prote | | | | J | |
| | Y/N | TOX (250 mL) | | | | | nd does key wo | rk? | ļ | _&_ |
| | Y/N | TOC (40 mL) | | | vell free of dar | | good shape? | | * | |
| | YYN | Organics (1/2 gal) Phenol (250 mL) | | | vell cap fit secu vell cap vented | | ••• | | * | |
| | & AN | CN- (250 mL) | | | ne area around | | near clean? | | | |
| | Y/N | Grease & Oil (1 L) | | | asing secure? | | pear Geant | | × | |
| | Y/N | Metals (Total) (500 | | | | | ound/under the | base? | 1 | メ |
| | Y/N | General (500 mL) | <u> </u> | | surface seal f | | | | | 2 |
| | Y/N | Ammonia (500 mL |) | | surface seal s | | ······································ | | メ | |
| | Y/N | | <u> </u> | 12. Is the | locking cap fro | ee of rust? | | | X | |
| | Y/N | | | | bstruction or k | | | | | × |
| | | | | | | | ances work pro | | 1 × 1 | |
| | | | | | | | contamination | ? | 1 | ΔŽ, |
| | | | | | resence of wa | | | -4-40 | <u> </u> | <u>~</u> |
| Ellano de | | Field Filesed I | | | | | en recently pai | | | <u>~</u> |
| Filtered: | ~D | Field Filtered Inorg | anios Y / N | | | | es on the top of | well? | | |
| (| ØN - | Metals (500 mL) | | 19. Are th | ere weep hole | s at the bott | om of casing? | | <u> </u> | ~ |
| | W ^N | Ammonia/NO ₂ /NO ₃ | (500 mL) | | | | | | | |
| | (A)N | General (500 mL) | '' | | | | · | | 7 | |
| Purge | Time | Gal/L pH | Spec C | on Temp | | Initial | Std | Read | Adjust | |
| 1st Vol | | 6.9 | 2 1430 | 1 15.8 | | | | | | |
| 2nd Vol | | 6.9 | 2 1430 | | 7 | рН | 4.00 | | 4.00 | |
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| | | | 1 - 1 | 1 1 2 | | | 10.00 | | 10.00 | |
| | | | | | | | | | 1 .5.55 | |
| | | (| 1 | | | Spec Con | 1000 | | 1000 | |

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Sampler's Signature:

| | | Permit No. | | Pit / | | | | | | | _ |
|--|-------------------|-----------------------|-------------------------------------|------------|--|-------------------------------------|---------------|----------------|--|--|----------------|
| Monitoring | g Well/Po | int <u>G4</u> | 15 | Date | e: <u> </u> | : <u> </u> | | | | | _ |
| Field Pers | sonnel: | | | my | | , | | _Finish Time: | <u>: </u> | | _ |
| Well Dept | h (Bottom |) From MP: | | | ft | | | | | | |
| Depth to V | Vater Fro | m MP (Prepu | ırges) | 21.02 | ft | Well Water | Volume: | | gal | | |
| Water Col | | | | | | Water Evac | cuated: | | gai | | |
| | | ft, 2"-0.16 gal/ft, : | 2.5 - 0.26 gal/f | t) | _ | | | | | | |
| Evacuated | d with: | Teflon | Bailer | Wa | aterra | Bladder | r | _Electric Pum | p | Other | (speci |
| Sampled v | with: _ | Teflon | Bailer | Wa | aterra Bladder Electric Pump | | | | ıp | Other | (speci |
| Sample A | ppearanc | e: Odor: | | | Color: | | | Turbidity: | | | _ |
| Weather: | | - | _, , , , | | | | | | | | |
| Environme | ent: | | | | | | | | | | _ |
| Remarks/\ | Well Cond | dition: | | D/ W | 01 | 029 | | | | | - . |
| · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | |
| Time | Collecte | d Para | meter | | | | Il Integrity | | | Yes | No |
| Unfiltered: | Y/N | VOA (40m | ΕY | | | vell have identi vell have prote | | | | | - |
| | Y/N | TOX (250 | | _ | | rotective casir | | | ork? | | |
| | Y / N TOC (40 mL) | | | | 4. Is the well free of damage and in good shape? | | | | | | |
| Y / N Organics (1/2 gal) Y / N Phenol (250 mL) Y / N CN- (250 mL) Y / N Grease & Oil (1 L) Y / N Metals (Total) (500 ml) | | | | _ | | ell cap fit secu | | | | | - |
| | | | | | | ell cap vented | | | | | ļ |
| | | | | _ | | ne area around asing secure? | | pear clean? | | | |
| | Y/N | Metals (To | | <u>L</u>) | | ce seal void of | | ound/under the | e base? | | |
| | Y/N | General (5 | | ' | | surface seal fr | | | | | |
| | Y/N | Ammonia (| (500 mL) | _ | | surface seal s | | | | | |
| | Y/N | | | | | locking cap fre | | | , | | |
| | Y/N | | | _ | | ostruction or ki | | | | | |
| | | | | | | bladder pump e any evidence | | | | | |
| | | | | | | esence of wat | | | 13 | 1 | |
| | | | | | | ell or protective | | | inted? | | |
| Filtered: | | Field Filter | ed Inorgani | ics Y / N | 18. Any gr | ease/unnatura | il substance | s on the top o | of well? | | |
| | Y/N | Metals (500 | 0 mL) | _ | 19. Are the | ere weep hole: | s at the bott | om of casing? |) | | |
| | Y/N | Ammonia/N | NO ₂ /NO ₃ (5 | 00 mL) | | | | | | | |
| | Y/N | General (50 | 00 mL) | _ | | _ | | | | | _ |
| Purge | Time | Gal / L | рН | Spec Con | Temp | _ [| Initial | Std | Read | Adjust | |
| 1st Vol | , | ļ | ļ <u> </u> | ļ | | | | | | | |
| 2nd Vol | | | | ļ <u></u> | | _ | рH | 4.00 | | 4.00 | |
| 3rd Vol | | | <u> </u> | <u> </u> | l |] | | 7.00 | - | 7.00 | |
| | | | | | | | l | 10.00 | | 10.00 | |
| | | Λ | ^ | | | | Spec Con | 1000 | | 1000 | |
| | | 11- | $\cap A$ | | |] | -p00 0011 | 1000 | | 1000 | |
| Sampler's S | Signaturo: | N 3 | WILL | | | L | | Ll_ | | İ | i |

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X:lgtrudy/misc/gwsamplingform/Sheet 2-revised.xls 2/17/04

| Site/Proje | ct Name/f | Permit No. nt R-42 | Page | l Pit | Rout | 167 | | | | | _ |
|----------------|---------------|------------------------|-----------------|---------------------------------------|-----------------|---|----------------|----------------|--|--|--|
| Monitoring | Well/Poi | nt R.42 | 2 3 | Date | : / Ø // | 2/4 | | Start Time: | 13:4 | 5 | |
| Field Pers | onnel: | an | 15 | | | | _ | Finish Time | 135 | 5 | _ |
| | | From MP: | | 20 17 | ft | | | _ | | , | _ |
| • | • | n MP (Prepur | aes) | 20 17 | ft | Well Wate | er Volume: | | gal | | |
| Water Col | | | 3 , | · · · · · · · · · · · · · · · · · · · | — ·· ft | Water Eva | | | gal | | |
| (Pipe ID: 1.5" | - 0.092 gal/f | t, 2"-0.16 gal/ft, 2.5 | 5 - 0.26 gal/ft |) | '' | *************************************** | iodatoa. | | .94. | | |
| Evacuated | d with: | Teflon E | Bailer | Wa | aterra | <u></u> Bladde | er | _Electric Pun | np | Other | (specify |
| Sampled v | with: _ | Teflon B | ailer | Wa | terra | 1 Bladde | er | _Electric Pun | np | Other | (specify |
| Sample A | ppearance | e: Odor: 🗸 o | ا مر در | | Color: | Bladde | | Turbidity: | tra Ca | | |
| Weather: | • | Suno Duy | 5 6 | 007 | | | | | | | |
| Environme | ent: | Dun | Zun | ~ \ | | | | | | | - |
| Remarks/ | | <i>- (</i> |) | | | | · · · · | | | | - |
| Remarks | rven cond | ition. | · | | | | | | | | |
| Time | Collected | i Paran | neter (| 3 | | | ell Integrity | | | Yes | No |
| Unfiltered: | V / N1 | 1/OA (40mal) | , | | | well have iden | | | | 12 | |
| | Y/N Y/N | VOA (40mL) | | - | | well have prote protective casi | | | ork? | V | |
| | Y/N | TOC (40 mL | | _ | | well free of da | | | | | - |
| 1/0 | Y/N | Organics (1/ | | - | | well cap fit sec | | good snape: | ***** | 1// | - |
| 1400 | Y/N | Phenol (250 | | _ | | well cap vente | | | | 7 | |
| (<u> </u> | Y/N | CN- (250 ml | L) | - | | the area aroun | | pear clean? | ······································ | T | |
| | Y/N | Grease & O | | _ | | casing secure | | | | I/ | |
| | Y/N | Metals (Total | | _) | | face seal void o | | | e base? | X | |
| | Y/N | General (50) | | _ | | e surface seal t | | s? | | | ļ |
| | Y/N Y/N | Ammonia (5 | OU IIIL) | - | | e surface seal see locking cap fr | | | · | X | , , , , , , , , , , , , , , , , , , , |
| | Y/N | | | - | | obstruction or l | | reli2 | | | 1 |
| | | | | - | | s bladder pump | | | operly? | Y | |
| | | | | | | ere any evidend | | | | | ¥ |
| | | | | | 16. Any | presence of wa | ter in annula | r space? | | | 1 |
| | | | | | 17. Has | well or protective | ve casing be | en recently pa | ainted? | | 1 |
| Filtered: | | Field Filtered | • | cs Y/N | | grease/unnatur | | | | | 7 |
| | Y/N | Metals (500 | | . | 19. Are | there weep hole | es at the bott | om of casing | ? | | |
| | Y/N | Ammonia/NO | |)() mL) | | | | | | | |
| | Y/N | General (500 |) mL) | - | | | | | | | I |
| Purge | Time | Gal / L | рН | Spec Con | Temp | <u> </u> | Initial | Std | Read | Adjust | |
| 1st Vol | | | 672 | 18535 | 559 | | | | | | |
| 2nd Vol | | | 6.72 | 1470 | 35 5 | | pН | 4.00 | | 4.00 | |
| 3rd Vol | | | 671 | 1760 | 537 | 7 | | 7.00 | | 7.00 | |
| | | | | | | | | 10.00 | | 10.00 | |
| | | | | | | | 1 | | | | |
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| Site/Project N | Name/P | ermit No. | Pagel | Pit L | DORTH | | | | | | _ |
|--------------------------------------|--------------------------|-------------------------|-------------------|-------------|-------------|-----------------|---------------|---------------------------------|-------------|--|--------------|
| Monitoring W | /ell/Poin | 1 <u>56</u> | -1 | Date | : lor1 | 4-0 to (| 0-12-01 | Start Time: | | | |
| Field Personn | | | | M | | | | / _Finish Time <u>:</u> | 11. | က | - - |
| Well Depth (E | 3ottom) | From MP: | | | ft | | | | | | |
| Depth to Water | | | rges) | NA | _ _ft | Well Wate | r Volume: | (| gal | | |
| Water Column (Pipe ID: 1.5" - 0.0 | n Lengt 092 gal/ft, | h: 2"-0.16 gal/ft, 2 | .5 - 0.26 gal/ft) | | _ ft | Water Eva | cuated: | 9 | gal | | |
| Evacuated with: Teflon Bailer W | | | | | iterra _ | Bladde | r | _Electric Pump | × _X | Other | (specify |
| Sampled with | ı: | Teflon & | Bailer | Wa | terra _ | Bladde | er | _Electric Pum | · <u>×</u> | > Other | (specify |
| Sample Appe | Sample Appearance: Odor: | | | | | | | Turbidity: | | | |
| Weather: | | PC | losch | · 55° | 41 h | | | | | | • |
| Environment: | | CR | EEK | B46 | 41 h | ELLS | | | | | • |
| Remarks/Wel | | | | <u></u> | | | · | | | | , |
| , comando e e | ., | | | | | | | | | | · |
| | ollected | Parai | meter | | | | ell Integrity | | | Yes | No |
| Unfiltered: | 5 | | | | | Il have ident | | | | | |
| | | VOA (40ml | | = | | Il have prote | | | | | ļ |
| | Y/N | TOX (250 n | | _ | | | | nd does key wo | ork? | 1 | |
| | Y/N | TOC (40 m | | - | | | | good shape? | | | |
| | YIN | Organics (1 | | - | | Il cap fit seci | | | | | |
| | APN PDN | Phenol (250 | | - | | Il cap vented | | | | | |
| | | CN- (250 m | | • | | | | pear clean? | | | Pva |
| | | Grease & C | | ٠, | | sing secure? | | | | | |
| | | Metals (Tot | | -) | | | | ound/under the | base? | | N- |
| | | General (50 | | - | | urface seal f | | s? | | | |
| | | Ammonia (| 500 ML) | - | | urface seal s | | | | | |
| | Y/N Y/N | | | • | | cking cap from | | - "0 | | | |
| | 1 / IN | | | - | | truction or k | | | | | |
| | | | | | | | | ances work pro contamination | | | |
| | | | | | | sence of wa | | | <u> </u> | | |
| | | | | | | | | en recently pai | nted2 | | |
| Filtered: | | Field Filtere | d Inorganio | SY IN | | | | es on the top of | | | |
| | _ | Metals (500 | • | | | | | om of casing? | 11011: | | |
| | | Ammonia/N | | 0 mL) | | | | | _, | <u>. </u> | |
| t | Ŷn [| General (50 | 0 mL) | • | | | | | | | |
| | | | | | | | | | | | |
| | Time | Gal / L | pH | Spec Con | | | Initial | Std | Read | Adjust | |
| 1st Vol | | | 7.44 | 739 | 13.2 | | | | | | |
| 2nd Vol | | | | | | | рH | 4.00 | | 4.00 | |
| 3rd Vol | | | | | | | | 7.00 | | 7.00 | |
| | | | | | | | | 10.00 | | 10.00 | |
| | | | | | | | | | | | |

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Spec Con

1000

1000

| Site/Proje | ct Name/f | Permit No. | Page | l Pit 🙏 | DORTH | | | | | | _ |
|-----------------------------|-----------|------------------------------|--------------------------------------|-----------------|---------------|-----------------|--------------|---------------------|-------------|--|------------------|
| Monitoring | well/Poi | nt 5'G- | - 3 | Date | : 10-10 | 2-04 | | Start Time: | | | |
| Field Pers | | ,,,,,,, ,,,, | | 1712 | | | | _ _Finish Time:_ | 9:5 | 2 | - |
| Well Dept | h (Bottom |) From MP: | | | ft | | _ | | | | |
| · · | • | n MP (Prepu | ırges) | NA | _ ft | Well Water | Volume: | g | al | | |
| Water Col (Pipe ID: 1.5" | |)th: I, 2"-0.16 gai/ft, : | 2.5 - 0.26 gal/ft |) | ft | Water Evac | uated: | g | al | | |
| Evacuated | d with: | Teflon | Bailer | Wa | iterra | Bladder | | _ Electric Pump | | Other | (specify |
| Sampled v | with: | Teflon | Bailer | Wa | terra | Bladder | | _ Electric Pump | | | 772E (specify |
| | | e: Odor: N | ONE | | Color: N | ONE | | Turbidity: 5 | C164 | 4 | |
| Weather: | | PC | louch | 550 | | | | | | 1 | - |
| Environme | ent: | CI | REEK | AT | PRESE | RVE CI | Possin | J6 | | | - |
| Remarks/ | Well Cond | iti <u>on:</u> | | | <u></u> | | | | | | |
| Time | Collected | 1 — Para | ımeter | | | Wei | II Integrity | Form | | Yes | No |
| Unfiltered: | _ | | | | 1. Does we | Il have identi | | | | 1 | |
| _ | Y/N | VOA (40m | L) | _ | | Il have protec | | | | | |
| | Y/N | TOX (250 | | _ | 3. Is the pro | tective casin | g locked ar | nd does key wo | rk? | | |
| | Y/N | TOC (40 m | าL) | _ | 4. Is the we | ll free of dam | age and in | good shape? | | | |
| | Y/N | Organics (| 1/2 gal) | _ | 5. Does we | Il cap fit secu | rely? | | | | |
| | N N | Phenol (25 | 0 mL) | | 6. Is the we | Il cap vented | ? | | | | |
| | | CN- (250 r | nL) | | 7. Does the | area around | the well ap | pear clean? | | | |
| | Y/N | Grease & (| Oil (1 L) | _ | 8. Is the car | sing secure? | | | | | M |
| | Y/N | Metals (To | tal) (500 ml | <u>-</u>) | 9. Is surface | e seal void of | erosion are | ound/under the | base? | | 11 |
| | Y/N | General (5 | 00 mL) | | 10. Is the si | urface seal fro | ee of crack | s? | | | |
| | Y/N | Ammonia (| (500 mL) | - | 11. Is the si | urface seal si | oped? | | | | |
| | Y/N | | | - | 12. Is the lo | cking cap fre | e of rust? | | | | |
| | Y/N | | | _ | 13. Any obs | truction or ki | nks in the w | vell? | | | |
| | | | | _ | | | | ances work proj | | | |
| | | | | | | | | contamination? | , | | |
| | | | | | | sence of wat | | | | | |
| | | | | | 17. Has we | l or protective | e casing be | en recently pair | ıted? | <u> </u> | |
| Filtered: | 1 | Field Filter | ed Inorgani | γ≲ <i>y</i> //N | 18. Any gre | ase/unnatura | l substance | es on the top of | well? | | |
| | AIN | Metals (500 | 0 mL) | | 19. Are ther | e weep holes | at the bott | om of casing? | | | - |
| | Ø/N | | 10 ₂ /NO ₃ (50 | 00 mL) | | | | | | · | |
| | Ø N | General (5 | | - | | | | | | | |
| 5 | | | | - | _ | ſ | | | | | |
| Purge | Time | Gal / L | pH | Spec Con | | , l | Initial | Std | Read | Adjust | |
| 1st Vol | | ļ | 7.06 | 182 | 11.5 | | | | | | |
| 2nd Vol | | L | ļ | | <u> </u> | | рН | 4.00 | | 4.00 | |
| 3rd Vol | | 1 | 1 | | 1 | | | 7.00 | | 7.00 | |

| Purge | Time | Gal / L | pH | Spec Con | Temp |
|---------|------|---------|------|----------|------|
| 1st Vol | | | 7.06 | 182 | 11.5 |
| 2nd Vol | | | | | |
| 3rd Vol | | | | | |

| Initial | Std | Read | Adjust |
|----------|-------|------|--------|
| рН | 4.00 | | 4.00 |
| 1 L | 7.00 | | 7.00 |
| | 10.00 | | 10.00 |
| | | | |
| Spec Con | 1000 | | 1000 |
| | | _ | |

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| Site/Project Name/ | Permit No. | Page | l Pit 🛝 | borTH | | | | | | _ |
|--|--|--------------------------------------|------------|--------------|-----------------|---------------|---------------------------------------|------------------|-----------------|-------------------|
| Monitoring Well/Po | int_ 5G | -4 | Date | : 10-12 | ~ Y | _ | Start Time: | | | _ |
| | | | | | | | _Finish Time: | 10:10 | J 8: | 40 |
| Well Depth (Bottom | | | | ft | | | | • | | |
| Depth to Water Fro | | rges) | NH | _ _ft | Well Wate | r Volume: | | gal | | |
| Water Column Leng (Pipe ID: 1.5" - 0.092 gal/ | gth: | | | | Water Eva | cuated: | | gal | | |
| Evacuated with: | Teflon | Bailer | Wa | aterra _ | Bladde | r | _Electric Pum | · _ × | Other | (specify) |
| Sampled with: | Teflon I | Bailer | Wa | terra _ | Bladde | er | _ Electric Pum | 。 <u> </u> | | (specify |
| Sample Appearance | e: Odor: 🙌 | b NE | | Color: (A) | ont | | Turbidity: | EC1612 | | |
| Weather: | | | 550 | | | | | | | • |
| Environment: | | LEE L | | | | | | | | • |
| Remarks/Well Cond | | | | | | | | | | |
| Nemarks/Ven Cond | attion. | | | | | | · · · · · · · · · · · · · · · · · · · | · | | • |
| Time Collecte | d_ Para | meter | | | | ell Integrity | | | Yes | No |
| Unfiltered: | 5 | | | | Il have ident | | | | | |
| Y/N | VOA (40ml | | - | | Il have prote | | | -1.0 | | ļ |
| Y/N | TOX (250 r | | _ | | | | nd does key wo | ork? | | |
| Y/N | Organics (| | _ | | Il cap fit seci | | good shape? | | | - |
| | Phenol (25 | | _ | | ell cap in sect | | | | | |
| | CN- (250 m | | - | | | | pear clean? | | | |
| Y/N | Grease & C | | _ | | sing secure? | | pear clearr | | , | |
| Y/N | Metals (Tot | | T. | Q le surfac | e seal void o | of erosion ar | ound/under the | hase? | - /- | //// - |
| Y/N | General (50 | | <u>-</u> / | | urface seal f | | | Dase: | | · |
| Y/N | Ammonia (| | - | | urface seal s | | <u> </u> | | | |
| Y/N | | | - | | cking cap from | | | | | |
| Y/N | | | - | | struction or k | | vell? | | | |
| | | | - | | | | ances work pro | perly? | | |
| | | | | | | | contamination | | | |
| | | | | | sence of wa | | | | | |
| | | | \bigcirc | 17. Has we | ll or protectiv | e casing be | en recently pa | inted? | | |
| Filtered: | Field Filtere | ed Inorgani | ¢sy/n | 18. Any gre | ase/unnatura | al substance | s on the top o | f well? | | |
| &/N | Metals (500 | | | 19. Are ther | re weep hole | s at the bott | om of casing? | | | |
| <i>₩</i> /N | Ammonia/N | 10 ₂ /NO ₃ (50 | 00 mL) | | | | | | | |
| | General (50 | 00 mL) | _ | | | | | | | |
| Durana Tima | Califi | | S C | T | 1 | luiti a l | 04.1 | 5 | A -41 | |
| Purge Time | Gal / L | 7.57 | Spec Con | Temp |] | Initial | Std | Read | Adjust | |
| 1st Vol 2nd Vol | | 1/2/ | 107 | 11.9 | | рН | 4.00 | | 4.00 | |
| 3rd Vol | | | | | | P11 | 7.00 | | 7.00 | |
| | | 1 | J | <u> </u> | ı | | 10.00 | | 10.00 | |
| | | | | | | | 10.00 | I | | |

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Sampler's Signature:

Spec Con

1000

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| Site/Project Name/Permit No. Pagel Pit NO | -TH | |
|---|---|--------------------|
| Monitoring Well/Point EQUIP BUK Date: 1 | 0-12-04 Start Time: | |
| Field Personnel: | Finish Time: 12 | 2:00 |
| Well Depth (Bottom) From MP: ft | | |
| Depth to Water From MP (Prepurges) | Well Water Volume: gal | |
| Water Column Length: ft | Water Evacuated: gal | |
| (Pipe ID: 1.5" - 0.092 gal/ft, 2"-0.16 gal/ft, 2.5 - 0.26 gal/ft) | | |
| Evacuated with: Teflon Bailer Waterra | Bladder Electric Pump | Other (specify) |
| Sampled with: Teflon Bailer Waterra | Bladder Electric Pump _ | Other (specify) |
| | r: NONE Turbidity: NON | E . |
| Weather: PSUNY 55 | 5 | |
| Environment: RECYCLE LUT | | |
| Remarks/Well Condition: | DI WATER | - |
| | | |
| Time Collected Parameter | Well Integrity Form | Yes No |
| | pes well have identification sign? pes well have protective posts? | |
| Y / N TOX (250 mL) 3 Is | the protective casing locked and does key work? | |
| | the well free of damage and in good shape? | |
| Y / N Organics (1/2 gal) 5. Do Phenol (250 mL) 6. Is | pes well cap fit securely? the well cap vented? | |
| N Phenol (250 mL) 6. Is CN- (250 mL) 7. Do | bes the area around the well appear clean? | |
| YLN Grease & Oil (1 L) 8. Is | the casing secure? | |
| Metals (Total) (500 mL) 9. Is | surface seal void of erosion around/under the base? | I Alba |
| General (500 mL) 10. Is V/N Ammonia (500 mL) 11. Is | the surface seal free of cracks? | /\ /\ _ |
| Y/N Animonia (500 mL) [11.18 | the surface seal sloped? the locking cap free of rust? | |
| | ny obstruction or kinks in the well? | |
| | oes bladder pump & appurtenances work properly? | |
| | there any evidence of natural contamination? | |
| | ny presence of water in annular space? | |
| | as well or protective casing been recently painted? ny grease/unnatural substances on the top of well? | |
| | re there weep holes at the bottom of casing? | |
| Y / N Ammonia/NO ₂ /NO ₃ (500 mL) | to there weep makes at the bettern or caping. | |
| Y / N General (500 mL) | <u></u> | |
| Purge Time Gal/L pH Spec Con Te | mp Initial Std Read | l Adjust |
| 1st Vol | | |
| 2nd Vol | pH 4.00 | 4.00 |
| 3rd Vol | 7.00 | 7.00 |
| | 10.00 | 10.00 |
| \wedge | Spec Con 1000 | 1000 |
| () ~ \(\) | Spec 3011 1000 | 1000 |
| Sampler's Signature: | <u> </u> | <u></u> |

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| | VATER SAMIFLING RECORD | |
|---|---|-----------------|
| | NORTH | |
| Monitoring Well/Point F3 + 1 Da | te: <u>18-12-24</u> Start Time: | |
| Field Personnel: | Finish Time: 11:45 | |
| Well Depth (Bottom) From MP: | ft | |
| Depth to Water From MP (Prepurges) | ft Well Water Volume:gal | |
| Water Column Length: (Pipe ID: 1.5" - 0.092 gal/ft, 2"-0.16 gal/ft, 2.5 - 0.26 gal/ft) | ft Water Evacuated:gal | |
| Evacuated with: Teflon Bailer W | VaterraBladderElectric Pump | Other (specify) |
| Sampled with: Teflon Bailer W | /aterra Bladder Electric Pump | Other (specify) |
| Sample Appearance: Odor: NonE | Color: NONE Turbidity: NONE | |
| Weather: P Cloudy 5 | <u> </u> | |
| Environment: RECYCLE La | | |
| Remarks/Well Condition: | DI WATER | |
| Tremand Trem Cont. | | |
| Time Collected Parameter | Well Integrity Form | Yes No |
| Unfiltered: 5 | Does well have identification sign? | |
| Y / N VOA (40mL) | 2. Does well have protective posts? | |
| Y / N TOX (250 mL) Y / N TOC (40 mL) | 3. Is the protective casing locked and does key work? | |
| Y / N 100 (40 file) Y / N Organics (1/2 gal) | Is the well free of damage and in good shape? Does well cap fit securely? | |
| Phenol (250 mL) | 6. Is the well cap vented? | |
| CN- (250 mL) | 7. Does the area around the well appear clean? | |
| Y/N Grease & Oil (1 L) | 8. Is the casing secure? | |
| Metals (Total) (500 mL) | 9. Is surface seal void of erosion around/under the base? | 110 |
| N General (500 mL) | 10. Is the surface seal free of cracks? | 1017 |
| Y N Ammonia (500 mL) | 11. Is the surface seal sloped? | |
| Y/N | 12. Is the locking cap free of rust? | |
| Y/N | 13. Any obstruction or kinks in the well? | |
| | 14. Does bladder pump & appurtenances work properly? | |
| | 15. Is there any evidence of natural contamination? | |
| | 16. Any presence of water in annular space? | |
| Filtered: Field Filtered Inorganics Y / N | 17. Has well or protective casing been recently painted? 18. Any grease/unnatural substances on the top of well? | |
| Y/N Metals (500 mL) | 19. Are there weep holes at the bottom of casing? | |
| Y / N Ammonia/NO ₂ /NO ₃ (500 mL) | To. The diete weep holes at the soliton of casing: | |
| Y / N General (500 mL) | | |
| - Constant (Coop Inte) | | |
| Purge Time Gal/L pH Spec Co | n Temp Initial Std Read A | djust |
| 1st Vol | | |
| 2nd Vol // | pH 4.00 | 4.00 |
| 3rd Vol | 7.00 | 7.00 |
| | 10.00 | 10.00 |

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Spec Con

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| Site/Projec | ct Name/P | ermit No. | Page | Pit ~ / | UORTH. | | | | | | _ |
|-------------|------------|-------------------------|----------------|----------|---------------|---------------------|---|-------------------|---------------------------------------|--|-------------|
| | | | | | | -04 | | Start Time: | | | _ |
| | | | | | | | | | | | _ |
| | | From MP: | | | ft | | | - | | | - |
| | | n MP (Prepu | | Dry | – ft | Well Water Vo | olume: | | gal | | |
| Water Col | umn Leng | | | / | _ _ft | Water Evacua | ted: | | | | |
| Evacuated | with: | Teflon | Bailer | Wa | iterra _ | Bladder | | _Electric Pun | np | _ Other | (specify |
| Sampled v | vith: | Teflon I | Bailer | Wa | terra | Bladder | | _ Electric Pur | np | Other | (specify |
| Sample Ap | | | | | | | | - Turbidity: _ | | _ | |
| Weather: | - | | | | | | | | | ············ | • |
| Environme | ·nt· | | | | | | | | | | • |
| Remarks/V | | tion: | | | | | ,, · · · · · · · | | | | |
| Ttemarks, | Ten oona | G-11. | | · | | | | | | | |
| Time | Collected | Para | meter | | | | ntegrity I | | | Yes | No |
| Unfiltered: | VIN | VOA (40ml | ` | | | Il have identifica | | | | <u> </u> | |
| | Y/N Y/N | VOA (40ml TOX (250 r | | <u> </u> | | Il have protective | | | un mis O | | |
| | Y/N | TOC (40 m | | _ | | otective casing I | | | | | |
| | Y/N- | Organics (1 | | - | | ell cap fit securel | | good strape? | · · · · · · · · · · · · · · · · · · · | | |
| | Y/N | Phenol (25 | | <u> </u> | | ell cap wented? | <u>y : </u> | | - <u></u> | | |
| | Y/N | CN- (250 m | | - | | e area around the | e well an | near clean? | | | |
| | Y/N | Grease & C | | - | | sing secure? | o won ap | pour olouri. | | | |
| | Y/N | Metals (Tot | | L) | | e seal void of er | osion arc | ound/under th | ne base? | | |
| | Y/N | General (50 | | - | | urface seal free | | | | | |
| | Y/N | Ammonia (| 500 mL) | _ | | urface seal slop | | | | | |
| | Y/N | | | <u></u> | 12. Is the lo | ocking cap free o | of rust? | | | | |
| | Y/N | | | | | struction or kinks | | | | | |
| | | | | | | ladder pump & a | | | | <u> </u> | |
| | | | | | | any evidence o | | | n? | | |
| | | | | | | sence of water i | | | -:-40 | - | |
| = | | E: . 1 4 E: 11 | | | | Il or protective c | | | | | |
| Filtered: | | Field Filtere | - | CS Y / N | | ase/unnatural s | | | | | |
| | Y/N | Metals (500 | | _ | 19. Are ther | re weep holes at | the botto | om of casing | ? | <u> </u> | |
| | Y/N | Ammonia/N | O_2/NO_3 (50 | 00 mL) | | | | | | | |
| | Y/N | General (50 | 00 mL) | _ | | | | | | | |
| Purge | Time | Gal / L | рН | Spec Con | Temp | , [| Initial | Std | Read | Adjust | |
| 1st Vol | | | | <u> </u> | |] | | | | | |
| 2nd Vol | | | | | | рН | | 4.00 | | 4.00 | |
| 3rd Vol | | | | | | | ı | 7.00 | | 7.00 | |

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Phone: 309-692-9688 Fax: 309-692-9689

10.00

| Site/Project Name/F | Permit No. | Page | I Pit _ | NOR | TH | | | | | _ |
|---|--|-------------------------------------|-------------------|----------------|----------------------------------|----------------|----------------|---------------------------------------|---------|-----------------|
| Monitoring Well/Poi | nt <u>L31</u> | 3 | Date | : 10 · 1 | 3-04 | _ | Start Time: | 9 | 15 | _ |
| Field Personnel: | RE/ | Dn | 23 | , | | | Finish Time | | 18 | _ |
| Well Depth (Bottom |) From MP: | | | ft | | | | • | | |
| Depth to Water From | n MP (Prepu | rges) | 9640 | - oft 96.50 | Well Water | Volume: | | gal | | |
| Water Column Leng (Pipe ID: 1.5" - 0.092 gal/f | yth: | | | ft | Water Evac | | | gal | | |
| Evacuated with: _ | Teflon | Bailer | Wa | iterra _ | Bladder | | _ Electric Pun | np <u>_</u> | Other (| (specify |
| Sampled with: | Teflon I | Bailer | Wa | terra _ | Bladder | | _ Electric Pun | np 🚅 | Other | (specify |
| Sample Appearance | e: Odor: | | | Color: | | | Turbidity: | | | _ |
| Weather: | | | | | | | | | | • |
| Environment: | | | | | | | | | | • |
| Remarks/Well Cond | lition: * | Black | HAWKI | HEART | Sub Pu. | no - k | Phy Phys | P-Dr | 1 Leach | de . |
| | | <u> </u> | 10120 | (1) | | • | | · | , | , |
| Time Collected Unfiltered: | d Para | meter | | 4 5 | | I Integrity | | | Yes | No |
| Y/N | VOA (40ml | (| | | ell have identifell have protect | | | | | |
| Y/N | TOX (250 r | | - | | otective casin | | | rork? | | |
| Y/N | TOC (40 m | | | | ell free of dam | | | | | |
| \$ 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | Organics (| | - | | ell cap fit secu | | good onape. | | | |
| ON | Phenol (25 | | _ | | ell cap vented | | | | | |
| N | CN- (250 m | | _ | | e area around | | pear clean? | | _ | |
| | Grease & C | | - . | | sing secure? | | | | | |
| MVN | Metals (Tot | | <u>L</u>) | | e seal void of | erosion ar | ound/under th | e base? | | |
| (M)N | General (50 | | | | surface seal fre | | | · · · · · · · · · · · · · · · · · · · | | |
| 7222 | Ammonia (| 500 mL) | | 11. Is the s | urface seal sl | oped? | | | | |
| | Fecal | | | 12. Is the lo | ocking cap fre | e of rust? | | | | |
| Y/N | | | _ | 13. Any ob | struction or kir | nks in the v | vell? | | | |
| | | | | | ladder pump 8 | | | | | ļ _ |
| | | | | | any evidence | | | <u>n?</u> | | |
| | | | | | esence of water | | | · · · · · | | |
| | | | | | ell or protective | | | | | |
| Filtered: | Field Filtere | ed Inorgani | ics Y / N | | ease/unnatura | | | | | |
| Y/N | | | _ | 19. Are the | re weep holes | at the bott | tom of casing | ? | | |
| Y/N | Ammonia/N | 10 ₂ /NO ₃ (5 | 00 mL) | | | | | | | |
| Y/N | General (50 | 00 mL) | - - | | | | | | | |
| Purge Time | Gal / L | pН | Spec Con | Temp | ſ | Initial | Std | Read | Adjust | ı |
| 1st Vol | | T | T | | ן ו | | | | | |
| 2nd Vol | | | 1 | | ┧ 1. | pН | 4.00 | | 4.00 | |
| 3rd Vol | | | † | | † l' | r - | 7.00 | | 7.00 | |

Sampler's Signature:

| 1000 | 1000 |
|------|------|
| | |
| | 1000 |

10.00

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10.00

| Site/Projec | t Name/i | Permit No. | Page | l Pit - | NORT | 14 | | | | _ | _ |
|--------------|------------|--------------------------|----------------|--------------|----------------|--------------------------------|--------------|---------------------------------|--------------|---------------|-----------|
| Monitoring | Well/Poi | nt 1 3/ | 4 | Date | : 10 · j | 3-0X | _ | Start Time: | | | • |
| Field Person | | | | | | | - | _Finish Time: | 10:1 | 0 | |
| Well Depti | n (Bottom |) From MP: | | | ft | | | - | | | • |
| • | • | , m MP (Prepui | rges) | 17" Dry | – / ft | Well Water | r Volume: | | gal | | |
| Water Col | ımn Leng | | | 17" Dry | ft | Water Eva | cuated: | | | | |
| Evacuated | with: | Teflon | Bailer | Wa | iterra _ | Bladde | r | _ Electric Pum | р | Other (| (specify) |
| Sampled w | /ith: | Teflon E | Bailer | Wa | terra _ | Bladde | r | _ Electric Pum | р | Other | (specify) |
| Sample Ap | pearance | e: Odor: | | | Color: | | | Turbidity: | | | |
| Weather: | | | | | | | | | | | • |
| Environme | nt: | | | | | | | | | | |
| Remarks/V | | lition: | * 1 | lot er | rough | SAMPL. | F 70 | COLLECT | | | - |
| Time | Collected | d Parar | neter | | | | Il Integrity | | | Yes | No |
| Unfiltered: | VIN | VOA (40m) | \ | | | ell have ident | | | | | |
| | Y/N Y/N | VOA (40mL TOX (250 n | | | | ell have prote | | nd does key w | ork? | | |
| | Y/N | TOC (40 m | | | | | | good shape? | <u> </u> | 1 | |
| | Y/N | Organics (1 | | ~ | 5. Does we | ell cap fit seci | urely? | | | | |
| | Y/N | Phenol (250 | | - | | ell cap vented | | | | | |
| | Y/N Y/N | CN- (250 m Grease & C | | | | e area around asing secure? | | pear clean? | | | |
| | Y/N | Metals (Total | | <u>.</u> | | | | ound/under the | hase? | | |
| | Y/N | General (50 | | = / | | surface seal f | | | , base: | 1 | |
| | Y/N | Ammonia (5 | 00 mL) | ~ | | surface seal s | | | | 11 | |
| | | | | - | | ocking cap fro | | | | | |
| | Y/N | | | - | | struction or k | | | | | |
| | | | | | | | | ances work pro contamination | | | |
| | | | | | | esence of wa | | | 1: | | |
| | | | | | | | | en recently pa | inted? | | |
| Filtered: | | Field Filtere | d Inorgani | cs Y / N | 18. Any gre | ease/unnatur | al substance | es on the top o | f well? | | |
| | Y/N | Metals (500 | | _ | 19. Are the | ere weep hole | s at the bot | tom of casing? |) | | |
| | Y/N | Ammonia/N | O_2/NO_3 (5) | 00 mL) | | | | | | | |
| | Y/N | General (50 | 0 mL) | - | | | | | | | |
| Purge | Time | Gal / L | рН | Spec Con | Temp | · · | Initial | Std | Read | Adjust | |
| 1st Vol | | | | | ļ. | 4 | | | | 1 | |
| 2nd Vol | | | | ļ | ļ | 4 | рН | 4.00 | | 4.00 | |
| 3rd Vol | | | | L | <u> </u> | _ | | 7.00 | | 7.00 | |
| | | | | | | | | 10.00 | | 10.00 | |
| | | 1 | 1 3- | | | | Spec Con | 1000 | | 1000 | |
| | | | 11/ | | | 5 | | | | | |
| Sampler's S | Signature: | 7/1/W | HE | | | | | | | | |

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Confidential GROUNDWATER SAMPLING RECORD

| Site/Project | Name/P | ermit No. | Pagel | Pit - | NORTH | 7 | | ···· | | | _ |
|-----------------------------------|---------------------------|--------------------------|------------------|---------------|---------------|----------------|----------------|------------------------------|---------|--------------|-------------|
| Monitoring V | Well/Poin | 4315 | | Date | : 10-13 | · 04 | Start Time: | 930 | | _ | |
| Field Persor | nnel: | R. 2 | INSTR | | | | | _Finish Time | : 4:43 | | _ |
| Well Depth | (Bottom) | From MP: | | NA | ft | | | | | | |
| Depth to Wa | ater From | MP (Prepur | ges) | 1000 | ft O | gal | | | | | |
| Water Colum (Pipe ID: 1.5* - 0 | nn Lengt 0.092 gal/ft, | h: 2"-0.16 gal/ft, 2. | 5 - 0.26 gal/ft) | 10'~ | _ft | Water Eva | cuated: | | gal | | |
| Evacuated v | vith: | Teflon | Bailer | Wa | terra | Bladde | r | Electric Pun | ip 🛨 | _Other (| (specify |
| Sampled wit | :h: | Teflon E | Bailer | Wat | erra | Bladde | r | Electric Pun | ip 🔿 | Other | (specify |
| Sample App | earance: | Odor: 5+ | rong | | Color: Bly | 7cK | | Turbidity: / | teamy | | _ |
| Weather: | | | | | 15mph | | | | 7 | | |
| Environment | t: | TALL | | | , | | | | | | • |
| Remarks/We | | | | | PUMP | | | | | | , |
| Trome.no. | <i>511</i> | | | | 7 017-17 | | | | | | • |
| Time (| Collected | Para | neter 🤇 | \mathcal{I} | | | Il Integrity | | | Yes | No |
| Unfiltered: | V/N | VOA (40m) | \mathcal{C} |) . | | | ification sign | | | | |
| | Y/N Y/N | VOA (40mL TOX (250 n | | - | | | ctive posts? | | - ele O | | |
| | Y/N | TOC (40 m | | - | | | | id does key w good shape? | | | |
| (2)3 | Y/N | Organics (1 | | - | | ll cap fit sec | | good snape? | | | |
| 4.40 | ŴΝ. | Phenol (250 | | - | | Il cap vented | | | | | |
| | Y) N | CN- (250 m | | - | | | the well ap | pear clean? | | <u> </u> | <u> </u> |
| | ØN. | Grease & C | | - | | sing secure? | | F-3-11-3-11-1 | | | |
| | | Metals (Total | | .) | | | | ound/under th | e base? | | |
| | M (A) | General (50 | | . | | | ree of cracks | | | | |
| | (Y) N | Ammonia (| 500 mL) | _ | 11. Is the su | urface seal s | loped? | | | | |
| | ₯ / N | Fecal | | - | 12. Is the lo | cking cap fro | ee of rust? | | | | |
| | Y/N | | | | | | inks in the w | | | | |
| | | | | | | | | ances work pr | | | |
| | | | | | | | | contamination | n? | | |
| | | | | | | | ter in annula | | | | |
| P***4 1 - | | C:-14 C:14 | J | - V/M | | | | en recently pa | | | |
| Filtered: | | Field Filtere | - | | | | | s on the top | | | |
| | | Metals (500 | | | 19. Are ther | e weep hole | s at the bott | om of casing | ? | <u> </u> | |
| | Y/N | Ammonia/N | O_2/NO_3 (50 | 10 mL) | | | | | | | |
| | Y/N | General (50 | 0 mL) | • | | | | | | | • |
| Purge | Time | Gal / L | На | Spec Con | Temp | | Initial | Std | Read | Adjust | · • |
| 1st Vol | | | 7.89 | OR | 342 | | | | | | |
| 2nd Vol | | | | - '\ | | | рН | 4.00 | | 4.00 | 1 |
| 3rd Vol | | | | | | | | 7.00 | | 7.00 | ı |
| | | | | | | | | 10.00 | | 40.00 | |

| Purge | nme | Gal/L | hu | Spec Con | remp |
|---------|-----|----------|------|----------|------|
| 1st Vol | | | 7.89 | OR | 342 |
| 2nd Vol | | | | | |
| 3rd Vol | | | | | |
| 3ra voi | | <u> </u> | 1 | L | |

10.00 Spec Con 1000 1000

Sampler's Signature:

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| Site/Projec | t Name/P | ermit No. | Page | l Pit ~ | NORTH | | | | | | | |
|--------------|------------|---------------------------|------------------|-------------|----------------|-----------------|---------------|---------------------|------------------|-----------|-------------|--|
| | | | | | | -04 | | Start Time: | | | | |
| Field Person | | | | | | | | _Finish Time | | | - | |
| | | From MP: | | | ft | | - | | | - | | |
| | | n MP (Prepu | rges) / | Dry | | Well Wate | r Volume: | | gal | | | |
| Water Cole | | | 37 | 127 | — ·· | Water Eva | | gal | | | | |
| | | .11. 2"-0.16 gal/ft, 2 | .5 - 0.26 gal/fi | i) | _ " | VValci LVa | cuateu. | ed. gai | | | | |
| Evacuated | with: | Teflon | Bailer | Wa | aterra _ | Bladde | er | _Electric Pun | _ Other | (specify) | | |
| Sampled w | vith: | Teflon i | Bailer | | | | | - _ Electric Pur | | | - | |
| Sample Ap | | | | | | | | | | | ` ' '/ | |
| Weather: | pourumoo | | | | | | | | | | • | |
| | _4- | | | | | | | | | | - | |
| Environme | | | | | | | | | | | • | |
| Remarks/V | Vell Condi | t <u>ion:</u> | | | | | | | | | | |
| Time | Collected | Para | meter | | | We | ell Integrity | Form | | Yes | No | |
| Unfiltered: | | | | | 1. Does we | ell have ident | | | | | | |
| | | VOA (40ml | _) | - | | ell have prote | | | | | | |
| | Y/N | TOX (250 r | nL) | | | | | id does key v | | l | | |
| | Y/N | TOC (40 m | | _ | | | | good shape? | ? | ļ | | |
| | Y/N- | Organics (| | - | | ell cap fit sec | | | | <u> </u> | <u> </u> | |
| | Y/N | Phenol (25 | | | | ell cap vente | | | | | | |
| | Y/N Y/N | CN- (250 m Grease & C | | - | | e area aroun | | pear clean? | | | | |
| | Y/N | Metals (Tot | | Γ\ | | sing secure | | ound/under th | | | | |
| | Y/N | General (50 | | =) | | surface seal f | | | le base! | | | |
| | Y/N | Ammonia (| | - | | surface seal s | | 9: | | | | |
| | Y/N | Animoria (| ood IIIL) | - | | ocking cap fr | | | | | | |
| | Y/N | | | _ | | struction or k | | reli2 | | | | |
| | | | | - | | | | ances work p | roperly? | | | |
| | | | | | | | | contaminatio | | | | |
| | | | | | | sence of wa | | | ''''' | | | |
| | | | | | | | | en recently p | ainted? | | | |
| Filtered: | | Field Filtere | ed Inorgani | cs Y / N | 18. Any gre | ease/unnatur | al substance | s on the top | of well? | | | |
| | Y/N | Metals (500 | • | | | | | om of casing | | | | |
| | Y/N | Ammonia/N | | _ 00 mL) | 10.740 410 | ic weep nois | o at the bott | om or odding | <u>:</u> | | | |
| | Y/N | General (50 | 00 mL) | - | | | | | | | | |
| | | | | _ | | | | | | | | |
| Purge | Time | Gal / L | pH | Spec Con | Temp | 7 | Initial | Std | Read | Adjust | | |
| 1st Vol | | | | ļ | | 4 | | | | | | |
| 2nd Vol | | | | | | _ | рH | 4.00 | | 4.00 | | |
| 3rd Vol | | | | <u> </u> | |] | İ | 7.00 | | 7.00 | | |
| | | | | | | | | 10.00 | | 10.00 | | |
| | | | | | | | | | | | | |
| | | | 9.1 | | | | Spec Con | 1000 | | 1000 | | |

Sampler's Signature:

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Phone: 309-692-9688

Fax: 309-692-9689

CHAIN OF CUSTODY RECORD

PHONE # 309-692-9688 FAX # 309-692-9689

| | ALL HIGH | LIGHTED AREA | AS <u>MUST</u> | BE COMP | PLETED BY C | CLIENT (PLE | ASE PRINT) | | | |
|---|--|-------------------|----------------|----------------|---|--|---|-------------------------------------|---------------------------------------|---|
| Pagel North | PROJECT NU | IMBER | P.O. NUMI | 3ER | MEANS S | SHIPPED | 3 ANAL | YSIS REQUES | TED | (FOR LAB USE ONLY) |
| ADDRESS | PHONE NUI | MBER | FAX NUME | BER | DATE SH | HIPPED | | | | LOGIN # 04102355 LOGGED BY: |
| CITY STATE ZIP CONTACT PERSON | SAMPLER (PLEASE PRIM DM / SAMPLER'S SIGNATURE | Braw- B | <u>-</u> | | MATRIX TY WW-WASTEV DW-DRINKINI GW-GROUND WWSL-SLUDO NAS-SOLID L'CHT-LEACH. OTHER: | VATER G WATER D WATER GE ATE | | | | LAB PROJ. # TEMPLATE: PROJ. MGR.: |
| SAMPLE DESCRIPTION AS YOU WANT ON REPORT | DATE COLLECTED | TIME COLLECTED | SAMPL GRAB | E TYPE COMP | MATRIX TYPE | BOTTLE COUNT | | | | REMARKS |
| 43 [#] / | 10/12 | 1145 | V | | RI | 5 | | | | 04102355-1 |
| FRUIT Blank | | 1200 | | | | | | | | 1 -2 |
| V | | | | | | | | | | |
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| | | | | | | | | | | |
| (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE) RUSH RESULTS VIA (PLEASE CIRCLE) FAX | RMAL RUS (RENT FROM ABOVE: | H DATE F | RESULTS (| NEEDED | 6 | this area yo the sample | ou request that t temperature is ou allow the lab | the lab notify y outside of the | ou, before pi range of 0.1 | p) at the lab. By initialing coceeding with analysis, if -6.0°C. By not initialing testing regardless of the |
| RELINQUISHED BY: (SIGNATURE) 7 DATE TIME | 111 | D BY: (SIGNATI | URE) | W | who have | 1 | DATE 12 | 8 _ | COMMENTS | : (FOR LAB USE ONLY) |
| RELINQUISHED BY: (SIGNATURE) DATE (BELINQUISHED BY: (SIGNATURE) DATE | 35 | ED BY: (SIGNAT | | IE) | - (1 <i>6</i>) | | TIME | SAMPLE(S) PROPERBO BOTTLES FI | RECEIVED (TLES RECEI LLED WITH | E UPON RECEIPT ED PRIOR TO RECEIPT ON ICE VED IN GOOD CONDITION ADEQUATE VOLUME ITHIN HOLD TIME(S) C OR N OR N |
| TIME | $\Box (\ell)$ | m N. | Ø. | 2-7 | | | TIME 13:35 | EXCLUDES | TYPICAL FI | ELD PARAMETERS) FROM SAMPLE BOTTLE |

CHAIN OF CUSTODY RECORD

PHONE # 309-692-9688 FAX # 309-692-9689

| | ALL HIGH | ILIGHTED ARE | AS <u>MUST</u> B | E COMP | PLETED BY | CLIENT (PL | EASE PRINT) | | | |
|---|---|--------------------|------------------|-------------------|--|-------------------------------------|--|--|--|---|
| Pasel North | PROJECT N | UMBER | P.O. NUMBE | R | MEANS | SHIPPED | 3 ANA | ALYSIS REQUES | TÉD | (FOR LAB USE ONLY) |
| ADDRESS | PHONE NU | MBER | FAX NUMBE | R | DATE S | HIPPED | | | | LOGIN # 0 4102356 |
| CITY STATE ZIP CONTACT PERSON | SAMPLER IPLEASE PRII Dm B SAMPLER'S SIGNATURE | nn Lewer Bun | | | MATRIX TY WW-WASTEV DW-DRINKIN GW-GROUNI WWSL-SLUD NAS-SOLID L'CHT-LEACH | WATER IG WATER D WATER IGE | | | | LAB PROJ. # TEMPLATE: PROJ. MGR.: |
| SAMPLE DESCRIPTION AS YOU WANT ON REPORT | DATE COLLECTED | TIME | SAMPLE GRAB | TYPE COMP | | BOTTLE | | | | REMARKS |
| Ross | 10/12 | 1057 | χ | | GQ | 5 | | | | 04102356-1 |
| (G03 M | ļ | 1115 | | | <u> </u> | | | | | -2 |
| 609m | | 945 | | | | | | | | -3 |
| 6097 | | 1007 | | | | | | | | 4 -4 |
| G135 | | 900 | | | | | | | | 04102362-142 |
| C 133 | | 920 | | | | | | | | 60 |
| 6 16 m | | 750 | | | | | | | | 04102356-7 |
| G 16-D | | 7.32 | | | | | | | | 1 -8 |
| 6175 | | 1010 | | | | | | | | -9 |
| 6 185 | | 915 | | | | | | | | -10 |
| C-187 | | 923 | | | | | | | | - // |
| C 33 s | | 943 | | | | | | | | -12 |
| (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE) RUSH RESULTS VIA (PLEASE CIRCLE) FA) | RMAL RUS X RENT FROM ABOVE | PHONE | RESULTS NE | EDED | 6 | this area y the sample | ou request that temperature is ou allow the la | t the lab notify yes s outside of the | ou, before pro range of 0.1- | of at the lab. By initialing occeding with analysis, if 6.0°C. By not initialing esting regardless of the |
| RELINQUISHED BY: (SIGNATURE) DATE TIME | . 1 / | ED BY: (SIGNA | El_ | \mathcal{J}_{1} | 1h | | DAJE-12 TIME-5 | 8 | A A | (FOR LAB USE ONLY) |
| RELINQUISHED BY: (SIGNATURE) RELINQUISHED BY: (SIGNATURE) DATE DATE | 35 | ED BY: (SIGNA | | \ | 71 | | TIME | SAMPLE(S) PROPER BOT | RECEIVED C TLES RECEIV LLED WITH A | /ED IN GOOD CONDITION |
| TIME | | h So | Hor | | | | 15:3 | | TYPICAL FI | THIN HOLD TIME(S) ELD PARAMETERS) FROM SAMPLE BOTTLE |

CHAIN OF CUSTODY RECORD

PHONE # 309-692-9688 FAX # 309-692-9689

State where samples collected _____

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT) CLIENT (FOR LAB USE ONLY) PROJECT NUMBER P.O. NUMBER MEANS SHIPPED ANALYSIS REQUESTED Mouf PHONE NUMBER FAX NUMBER DATE SHIPPED LOGGED BY: LAB PROJ. # . CITY SAMPLER MATRIX TYPES: STATE (PLEASE PRINT) WW-WASTEWATER DW-DRINKING WATER GW-GROUND WATER WWSL-SLUDGE NAS-SOLID L'CHT-LEACHATE TEMPLATE: _ ZIP PROJ. MGR.: . CONTACT PERSON SAMPLER'S SIGNATURE MATRIX | BOTTLE TIME SAMPLE DESCRIPTION COLLECTED COLLECTED GRAB COMP REMARKS TYPE COUNT AS YOU WANT ON REPORT 10/12 G-33 80 925 04102356-13 6 34 0 618 34D 825 6 355 8:13 35 Þ 9∞ 813 318 19 942 20 1135 Co des 21 415 1052 22 1042 Z324 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL DATE RESULTS NEEDED The sample temperature will be measured upon receipt at the lab. By initialing (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE) this area you request that the lab notify you, before proceeding with analysis, if 6 the sample temperature is outside of the range of 0.1-6.0°C. By not initialing RUSH RESULTS VIA (PLEASE CIRCLE) FAX PHONE this area you allow the lab to proceed with analytical testing regardless of the sample temperature. FAX # IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE: COMMENTS: (FOR LAB USE ONLY) RELINQUISHED BY: (SIGNATURE) RECEIVED BY: (SIGNATURE) DATE SAMPLE TEMPERATURE UPON RECEIPT
CHILL PROCESS STARTED PRIOR TO RECEIPT
SAMPLE(S) RECEIVED ON ICE
PROPER BOTTLES RECEIVED IN GOOD CONDITION
BOTTLES FILLED WITH ADEQUATE VOLUME
SAMPLES RECEIVED WITHIN HOLD TIME(S)
OR N RELINQUISHED BY: (SIGNATURE) RECEIVED AT LAB BY: (SIGNATURE) TIME (EXCLUDES TYPICAL FIELD PARAMETERS) DATE AND TIME TAKEN FROM SAMPLE BOTTLE

CHAIN OF CUSTODY RECORD

PHONE # 309-692-9688 FAX # 309-692-9689

| ALL HIGHLIGHTED AREAS <u>MUST</u> BE COMPLETED BY CLIENT (PLEASE PRINT) | | | | | | | | | | | | | |
|---|---|------------------------|-----------|----------------|---|---------------------------|----------------------------------|--|------------------------------------|---|---|---|--------|
| 1) Parel Noctu | PROJECT NUMBER | | P.O. NUM | BER | MEANS SHIPPED | | 3 |) ANALYS | SIS REQUE | STED | (4) | (FOR LAB USE ONLY) \$6 LOGIN # 04/0 23 | |
| ADDRESS | PHONE NUM | PHONE NUMBER FAX NUMBE | | BER | DATE S | HIPPED | | | | | LOGIN # _C | 736 | - - |
| CITY STATE ZIP CONTACT PERSON | SAMPLER (PLEASE PRINT) DMBLQ W SAMPLER'S STONETURE STONETURE | | 24 | | MATRIX TYPES: WW-WASTEWATER DW-DRINKING WATER GW-GROUND WATER WWSL-SLUDGE NAS-SOLID L'CHT-LEACHATE | | | | | | 1 | : | 1 1 |
| SAMPLE DESCRIPTION AS YOU WANT ON REPORT | DATE COLLECTED | TIME COLLECTE | | E TYPE COMP | MATRIX TYPE | BOTTLE COUNT | | | | | 1 | REMARKS | |
| G-119 10/12 | | 8:50 | X | | GW | 5 | | | | | 0410 | 2356-25 | |
| 361 563 | | 1100 | | | | | | | | | | - 26 | |
| 563 | | 952 | | | | | | | | | | -27 | |
| 564 | | 840 | | | | | | | | | | -28 | |
| -6335 | 12/12 | 9:43 | | | | | | | | | | | |
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| (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE) RUSH RESULTS VIA (PLEASE CIRCLE) FAX | RMAL RUS (RENT FROM ABOVE. | H DATE | RESULTS | NEEDED | 6 | this area y the sample | ou reque e temper ou allow | st that the sture is ou the lab to | lab notify Itside of the | you, before a range of 0 ith analytica — | ceipt at the lab. By i proceeding with ar 0.1-6.0°C. By not initial testing regardless | alysis, if ialing s of the | |
| 7 RELINQUISHED BY: (SIGNATURE) DATE 16 TIME | RECEIVE | ED BY: (SIGNA | TURE) | | 10 | | DAT | 72 | 8 | COMMEN | TS: (FOR LAB USE | only) COC | |
| · · · · · · · · · · · · · · · · · · · | - | D BY: (SIGNA | TUBE) | | #K | ~ | DATI | 550 | | | | , | _ |
| TIME | 35 | | | 2 | | | TIME | | CHILL PRO SAMPLE(S PROPER BO | OCESS STAI) RECEIVEI OTTLES REC | EIVED IN GOOD COM | ECEIPT SORN ORN NOITION ORN | |
| RELINQUISHED BY: (SIGNATURE) | | AD AT LAB BY | (SIGNATUI | TE) | | | ID- | 401 | SAMPLES (EXCLUDE | RECEIVED S TYPICAL | H ADEQUATE VOLU WITHIN HOLD TIMI FIELD PARAMETEI N FROM SAMPLE I | E(S) Ø ORN RS) | |

CHAIN OF CUSTODY RECORD

PHONE # 309-692-9688 FAX # 309-692-9689

| ALL HIGHLIGHTED AREAS <u>MUST</u> BE COMPLETED BY CLIENT (PLEASE PRINT) | | | | | | | | | | | | |
|---|---|-----------------------------------|--|--|--|--|--|--|--|--|--|--|
| Pagel North | PROJECT NUMBER | P.O. NUMBER | MEANS SHIPPED | 3 ANALYSIS REQUESTED | (FOR LAB USE ONLY) | | | | | | | |
| ADDRESS | PHONE NUMBER | FAX NUMBER | DATE SHIPPED | | LOGIN # 110 25% LOGGED BY: | | | | | | | |
| CITY STATE ZIP CONTACT PERSON | SAMPLER CRIEASE PRINTI SAMPLERIS SIGNATURE | w. | MATRIX TYPES: WW-WASTEWATER DW-DRINKING WATER GW-GROUND WATER WWSL-SLUDGE NAS-SOLID L'CHT-LEACHATE OTHER: | | TEMPLATE:PROJ. MGR.: | | | | | | | |
| SAMPLE DESCRIPTION AS YOU WANT ON REPORT | DATE TI COLLECTED COLLI | ME SAMPLE TYPE ECTED GRAB COMP | MATRIX BOTTLE | | REMARKS | | | | | | | |
| L-315 | 10/13 91 | 43 A | ECHT 8 | | 04102595-1 | | | | | | | |
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| (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE) RUSH RESULTS VIA (PLEASE CIRCLE) FAX | RMAL RUSH (PH | DATE RESULTS NEEDED | 6 this area the samp this area | ole temperature will be measured upon rece you request that the lab notify you, before p die temperature is outside of the range of 0. you allow the lab to proceed with analytical emperature. | proceeding with analysis, if 1-6.0°C. By not initialing | | | | | | | |
| 7 RELINIOUISHED BY: (SIGNATURE) | RECEIVED BY: | (SIGNATURE) | | DATE 8 COMMENT | S: (FOR LAB USE ONLY) | | | | | | | |
| RELINQUISHED BY: (SIGNATURE) TIME | | (SIGNATURE) | | | TED PRIOR TO RECEIPT (CHOOL N | | | | | | | |
| RELINQUISHED BY: (SIGNATURE) DATE TIME | | AB BY: (SIGNATURE) | | PROPER BOTTLES RECE BOTTLES FILLED WITH SAMPLES RECEIVED W [EXCLUDES TYPICAL F ONLY OF THE BOTTLES RECEIVED W ONLY OF THE B | WITHIN HOLD TIME(S) YORN FIELD PARAMETERS) | | | | | | | |

CHAIN OF CUSTODY RECORD

PHONE # 309-692-9688 FAX # 309-692-9689

| Pasal Month | PROJECT NU | | | ME | ANS SHIPP | ED | 3 ANA | LYSIS REC | DUESTE | D | (FOR LAB USE ONLY) |
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| ADDRESS | PHONE NUM | MBER | 547400055 | | 1 1 1/ | | | | | | i) \ / |
| | | UMBER FAX NUMBER DATE S | | | ATE SHIPPE | D | | | | | LOGGED BY: |
| STATE: | (PLEASE PRINT) WW.WA DW.DRI DW.DRI CON CREATING | | ASTEWATER RINKING WATER ROUND WATE SLUDGE | ER II | | | | | LAB PROJ. # TEMPLATE: PROJ. MGR.: | | |
| | STONATURE | Bu | <u></u> | ОТНЕ | | | | | | | |
| SAMPLE DESCRIPTION AS YOU WANT ON REPORT | DATE COLLECTED | TIME COLLECTED | SAMPLE TY GRAB CC | PE MAT | | TTLE UNT | | | | | REMARKS |
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| TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORM (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE) RUSH RESULTS VIA (PLEASE CIRCLE) FAX FAX # IF DIFFERENT FROM ABOVE: PHONE # IF DIFFEREN | IT FROM ABOVE: | PHONE | RESULTS NEED | DED 6 | this the this | area you sample l area you | u request tha temperature i | t the lab no s outside o | otify you, of the rai | before page of 0. | eipt at the lab. By initialing 11-60°C. By not initialing I testing regardless of the |
| RELINQUISHED BY: (SIGNATURE) | 1 "Y | ED BY: (SIGNAT | URE) | | | | DATE | 8 | CC | MMENT | S: (FOR LAB USE ONLY) |
| m Juleo | | | 105) | | | | TIME | | | | |
| RELINQUISHED BY: (SIGNATURE) DATE TIME | RECEIVI | ED BY: (SIGNAT | URE) | | | | TIME | CHILL SAMPI | PROCES LE(S) RE | SS STAR | RE UPON RECEIPT CONTROL ON ICE YOR N |
| RELINQUISHED BY: (SIGNATURE) DATE TIME | PROPER BÓTTLES RECEIVED RECEIVED AT LAB BY: (SIGNATURE) DATE BOTTLES FILLED WITH A SAMPLES RECEIVED WITH SAM | | | | | | | | H ADEQUATE VOLUME Y OR N WITHIN HOLD TIME(S) Y OR N | | |